# 2021 - 2022 Major Map

## Accountancy, BS

School/College: W. P. Carey School of Business
Location: Tempe campus, West campus
BAACCBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement.<br>• ACC 194 is the recommended elective for Accountancy students<br>• Join a student club or organization<br>• Create your first college resume |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| PSY course (SB) | 3 | | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 course with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

Term hours subtotal: 15.25

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 232: Financial Accounting I OR ACC 231: Uses of Accounting Information I | 3 | C | • ACC 232 is the recommended ACC course for Accountancy students<br>• Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347.<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | | |
| Complete MAT 211 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 16.25

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 242: Managerial Accounting I OR ACC 241: Uses of Accounting Information II | 3 | C | • ACC 232 and ACC 242 are the recommended ACC courses for Accountancy students<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 232 OR ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 330: Data Analytics in Accounting | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ACC 340: External Reporting I | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Complete ACC 242 OR ACC 241 with a grade of "C" or better. | | | |

Term hours subtotal: 15.25

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | ACC 350: Internal Reporting | 3 | C |
| ★ | ACC 440: External Reporting II | 3 | C |
| ★ | LES 305: Business Law and Ethics for Managers | 3 | C |
| | SCM 300: Global Supply Operations | 3 | C |
| | Upper Division International Business Course AND Global Awareness (G) | 3 | C |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Term hours subtotal: | 15 | |

- Complete informational interviews
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach
- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 430: Taxes and Business Decisions | 3 | C | |
| ★ CIS 360: Business Database Concepts | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 15 | | |

- ACC 360 is the recommended elective for Accountancy students
- Accounting Internship Track students will replace Term 7 courses with courses listed in "Accounting Internship Track Term 7 Courses"
- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480
- Attend W. P. Carey and ASU Career Fairs
- Gather professional references
- Update your resume
- Apply for full-time career opportunities

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 444: Enterprise Process Analysis and Design | 3 | C | |
| ★ ACC 450: Principles of Auditing | 3 | C | |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Accounting Internship Track students will replace Term 8 courses with courses listed in "Accounting Internship Track Term 8 Courses"
- Apply for full-time career opportunities
- Meet with your academic advisor to discuss your internship course options

- **Accounting Internship Track**

  To be eligible, students must be W. P. Carey Accountancy majors who have completed a minimum of 72 credit hours of coursework and earned a minimum cumulative GPA of 3.50 and a minimum major (ACC) GPA of 3.50. The following courses must be completed with a "C" or better prior to starting the internship: ACC 340, ACC 350, ACC 430, ACC 440, ACC 450.

  Students in the Accounting Internship Track (https://wpcarey.asu.edu/accounting-degrees/masters-internships) complete the following courses in terms 7 and 8.

  - Term 7 Note: Courses are 3 credit hours each, with the exception of Elective - 2 credit hours.
  - Term 8 Note: Courses are 3 credit hours each, with the exception of ACC 484: Internship - 6 credit hours.

- Term 8 Note: ACC 484: Internship is offered Session A only. Interns are required to work full-time, 40 hours/week.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | Accounting Internship Track- Term 7 - ACC Major Courses Only (see major map for other major requirements) | Accounting Internship Track- Term 8 - ACC Major Courses Only (see major map for other major requirements)) |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | ACC 430: Taxes and Business Decisions | ACC 444: Enterprise Process Analysis and Design |
| ECN 306: Survey of International Economics (SB & G) | ACC 450: Principles of Auditing | ACC 484: Internship |
| MGT 302: Principles of International Business (G) | CIS 360: Business Database Concepts | |
| MKT 425: Global Marketing Management (G) | | |
| SCM 463: Global Supply Chain Management (G) | | |
| Business Skills Courses - No Grades of D or E | | |
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | | |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | | |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | | |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | | |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | | |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) | | |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) | | |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) | | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Accountancy, BS

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BAACCBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | | | |
|---|---|---|---|
| Minimum 2.00 GPA ASU Cumulative. | | | complete three hours of elective credit. |
| | Term hours subtotal: | 9 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 232: Financial Accounting I OR ACC 231: Uses of Accounting Information I | 3 | C | • ACC 232 and ACC 242 are the recommended ACC courses for Accountancy students<br>• Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 242: Managerial Accounting I OR ACC 241: Uses of Accounting Information II | 3 | C | • ACC 232 and ACC 242 are the recommended ACC courses for Accountancy students<br>• Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 71.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 340: External Reporting I | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 5 - B 71.75 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 330: Data Analytics in Accounting | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 77.75 - 83.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 440: External Reporting II | 3 | C | • Complete informational interviews |
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 83.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 350: Internal Reporting | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ CIS 360: Business Database Concepts | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 92.75 - 98.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 300: Global Supply Operations | 3 | C | • ACC 360 is the recommended elective for Accountancy students<br>• Attend W. P. Carey and ASU Career Fairs |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 430: Taxes and Business Decisions | 3 | C | • Gather professional references<br>• Update your resume |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 444: Enterprise Process Analysis and Design | 3 | C | • Apply for full-time career opportunities |
| ★ WPC 448: Senior Career Transition Management | 0.25 | C | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ACC 450: Principles of Auditing | 3 | C |
| WPC 480: W. P. Carey Capstone Course (L) | 3 | C |
| Term hours subtotal: | 6 | |

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Total Community College Hrs:** 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business, BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus, Tempe campus, West campus
BABUSBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Complete the me3 career interest tool<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs<br>• Must declare concentration by end of term 3 |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Milestone: Selection of a concentration | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

- 
  - Not selectable as an ASU admission option.
  - Change of major into this program is not allowed.
  - Must declare concentration by the end of Term 3.

Hide Course List(s)/Track Group(s)

| Business Skills Courses - No Grades of D or E | Quantitative Course |
|---|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | ACO 100: All About Data: Design, Query, and Visualization (CS) |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | EDS 223: Design Thinking |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) | |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) | |
| MAT 211: Mathematics for Business Analysis or Qauntitative Course | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 47.5
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Business Administration), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus, West campus, ASU@Lake Havasu, ASU@The Gila Valley
BABUSBABA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. See academic advisor for appropriate Student Success course requirement if not a first-time freshman<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 2 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 411: Leading Organizations | 3 | C | • Complete informational interviews |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

| | | | |
|---|---|---|---|
| Upper Division Business Administration Track or Human Resources Track or Procurement Track | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| General Studies Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BUS 384: Business Operations and Planning | 3 | C | • All Upper Division Business Core classes (including International Business course) must be completed before enrolling in WPC 470<br>• Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ WPC 470: Business Administration Capstone | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| *Complete 2 courses:*<br>Upper Division Business Administration Track or Human Resources Track or Procurement Track | 6 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

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  - Procurement Track Courses are only available at the West campus.
  - W. P. Carey School of Business students may not use courses with the following prefixes to satisfy General Education course requirements: ACC, AGB, BUA, BUS, CIS, ECN, FIN, LES, MGT, MKT, QBA, REA, SCM, WPC.
  - Courses that qualify as meeting the General Education course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
  - ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

Hide Course List(s)/Track Group(s)

| Business Administration Track Courses - select 3 courses (9 credit hours) | Human Resources Track Courses (offered at the Poly campus only) - 3 courses (9 credit hours) MGT 420 required; choose two other courses | Procurement Track Courses (offered at the West campus only) - 3 courses (9 credit hours) |
|---|---|---|
| AGB 414: Food and Agribusiness Policy Issues (L) | MGT 420: Human Resource Management | SCM 354: Procurement of Services |
| AGB 420: Food Advertising and Promotion | MGT 421: Compensation in Organizations | SCM 494: Advanced Procurement |
| AGB 425: Food Supply Networks | | SCM 494: Public & Non-Profit Procurement |

AGB 435: Commodity Futures and Options Markets

AGB 445: Food Retailing

AGB 452: Global Food and Agricultural Trade

AGB 456: Food Product Innovation and Development

AGB 481: Strategic Pricing in Food Markets

BUS 424: Sales and Negotiations

BUS 434: Business Risk Management

COM 353: Professional Communication

MGT 400: Cross-Cultural Management (C & G)

MGT 420: Human Resource Management

MGT 421: Compensation in Organizations

MGT 422: Staffing

MGT 423: Training and Development in Organizations

MGT 424: Employment Law

MGT 425: Global Human Resources

MGT 426: HR Consulting Projects

MGT 430: Negotiations

PHI 360: Business and Professional Ethics (HU)

PSY 304: Effective Thinking (L)

SCM 354: Procurement of Services

SCM 385: Business and Sustainability I

TMC 320: Funding the Enterprise

TWC 422: Social Media in the Workplace

MGT 422: Staffing

MGT 423: Training and Development in Organizations

MGT 424: Employment Law

MGT 425: Global Human Resources

MGT 426: HR Consulting Projects

Upper Division International Business Course-select one course (3 credit hours)

AGB 302: International Management and Agribusiness (G)

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

General Studies Electives

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

POR 102: Elementary Portuguese II (G)

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

Quantitative Course

ACO 100: All About Data: Design, Query, and Visualization (CS)

EDS 223: Design Thinking

| | |
|---|---|
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) | |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) | |
| MAT 211: Mathematics for Business Analysis or Qauntitative Course | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Business Administration), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSBABA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |

| | | | |
|---|---|---|---|
| Business Skills Courses: No Grades of D or E | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| | Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 300: Global Supply Operations | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 68.75 - 77.75 Credit Hours Necessary course signified | Hours | Minimum | Notes |
|---|---|---|---|

| by ★ | | Grade | |
|---|---|---|---|
| ★ BUS 384: Business Operations and Planning | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ★ MGT 300: Organization and Management Leadership | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 77.75 - 84.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MKT 300: Marketing and Business Performance | 3 | C | • Complete informational interviews |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 84.75 - 93.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIN 300: Fundamentals of Finance | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 93.75 - 99.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Business Administration Track or Procurement Track Course | 3 | C | • All Upper Division Business Core classes (including International Business course) must be completed before enrolling in WPC 470<br>• Attend W. P. Carey and ASU Career Fairs |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 99.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 411: Leading Organizations | 3 | C | • Gather professional references<br>• Update your resume |
| ★ Upper Division Business Administration Track or Procurement Track Course | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8 | | |

| Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Business Administration Track or Procurement Track Course | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | WPC 470: Business Administration Capstone | 3 | C |
| | Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| | Term hours subtotal: | 6 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Business Administration Track Courses - select 3 courses (9 credit hours) | Procurement Track Courses - 3 courses (9 credit hours) | Upper Division International Business Course-select one course (3 credit hours) |
|---|---|---|
| AGB 420: Food Advertising and Promotion | SCM 354: Procurement of Services | AGB 302: International Management and Agribusiness (G) |
| AGB 425: Food Supply Networks | SCM 494: Advanced Procurement | ECN 306: Survey of International Economics (SB & G) |
| AGB 435: Commodity Futures and Options Markets | SCM 494: Public & Non-Profit Procurement | MGT 302: Principles of International Business (G) |
| AGB 445: Food Retailing | | MKT 425: Global Marketing Management (G) |
| AGB 456: Food Product Innovation and Development | | SCM 463: Global Supply Chain Management (G) |
| AGB 481: Strategic Pricing in Food Markets | | |
| MGT 400: Cross-Cultural Management (C & G) | | |
| MGT 420: Human Resource Management | | |
| MGT 430: Negotiations | | |
| PHI 360: Business and Professional Ethics (HU) | | |
| SCM 354: Procurement of Services | | |
| SCM 385: Business and Sustainability I | | |
| TMC 320: Funding the Enterprise | | |
| TWC 422: Social Media in the Workplace | | |

| General Studies Electives | Business Skills Courses - No Grades of D or E | Quantitative Course |
|---|---|---|
| BIO 320: Fundamentals of Ecology | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | ACO 100: All About Data: Design, Query, and Visualization (CS) |
| COM 207: Introduction to Communication Inquiry | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | EDS 223: Design Thinking |
| COM 259: Communication in Business and the Professions | | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |
| COM 312: Communication, Conflict, and Negotiation | | |
| COM 414: Crisis Communication | | |

| | |
|---|---|
| COM 430: Leadership in Group Communication | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| COM 453: Communication Training and Development | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ENG 210: Introduction to Creative Writing | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ENG 310: Intermediate Creative Writing | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| ENG 345: Selected Authors or Issues | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| FAS 301: Introduction to Parenting | MAT 211: Mathematics for Business Analysis or Qauntitative Course |
| MAT 242: Elementary Linear Algebra | |
| MAT 243: Discrete Mathematical Structures | |
| ROM 101: Elementary Romanian Language and Culture I | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| WPC 150: Business and Society | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Communication), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus, Tempe campus, West campus, ASU@Lake Havasu
BABUSCBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) | 3 | C | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| COM 230: Small Group Communication (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 259: Communication in Business and the Professions | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Upper Division Elective | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 312: Communication, Conflict, and Negotiation | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| COM 400: Communication in Professions (HU & C) OR COM 451: Communication and Work Relationships | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

| | | |
|---|---|---|
| Upper Division International Business Course AND Global Awareness (G) | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

| Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM 430: Leadership in Group Communication | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM 453: Communication Training and Development | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12.25 | | |

Hide Course List(s)/Track Group(s)

| Business Skills Courses - No Grades of D or E | Upper Division International Business Course-select one course (3 credit hours) | Quantitative Course |
|---|---|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | AGB 302: International Management and Agribusiness (G) | ACO 100: All About Data: Design, Query, and Visualization (CS) |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | ECN 306: Survey of International Economics (SB & G) | EDS 223: Design Thinking |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | MGT 302: Principles of International Business (G) | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | MKT 425: Global Marketing Management (G) | |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | SCM 463: Global Supply Chain Management (G) | |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) | | |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) | | |

MAT 211: Mathematics for Business Analysis
or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Business (Communication), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSCBA

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-year student registration information here<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 230: Small Group Communication (SB) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| ECN 221: Business Statistics (CS) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 259: Communication in Business and the Professions | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| MKT 300: Marketing and Business Performance | 3 | C | |

| | | |
|---|---|---|
| WPC 348: Junior Networking Foundations | 0.25 | C |
| Term hours subtotal: | 6.25 | |

| Term 5 - B 68.75 - 77.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 302: Business Writing (L) | 3 | | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 77.75 - 83.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM 312: Communication, Conflict, and Negotiation | 3 | C | • Complete informational interviews |
| SCM 300: Global Supply Operations | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 83.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 400: Communication in Professions (HU & C) | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 92.75 - 99.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIN 300: Fundamentals of Finance | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 7 - B 99.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM 430: Leadership in Group Communication | 3 | C | • Gather professional references<br>• Update your resume |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8 | | |

| Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM 453: Communication Training and Development | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |

Term hours subtotal: 6

Hide Course List(s)/Track Group(s)

| Quantitative Course | Upper Division International Business Course-select one course (3 credit hours) | Business Skills Courses - No Grades of D or E |
|---|---|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) | AGB 302: International Management and Agribusiness (G) | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| EDS 223: Design Thinking | ECN 306: Survey of International Economics (SB & G) | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | MGT 302: Principles of International Business (G) | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| | MKT 425: Global Marketing Management (G) | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| | SCM 463: Global Supply Chain Management (G) | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | | MAT 211: Mathematics for Business Analysis or Qauntitative Course |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Corporate Accounting), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSCABA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ACC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Apply for internships or create one |
| Humanities, Arts and Design (HU) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • If COM 259 was completed instead of COM 225 in Term 4-A, students will need to take a Literacy and Critical Inquiry (L) course to satisfy the General Studies university requirement. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 310: Intermediate Accounting for Corporate Accountants | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |

| | | | |
|---|---|---|---|
| | Term hours subtotal: | 6.25 | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |

| Term 5 - B 68.75 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 320: Management Accounting for Corporate Accountants I | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 77.75 - 86.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 354: Governance, Risk, Compliance Internal Controls and Ethics | 3 | C | • Complete informational interviews |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 86.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 410: Financial Statement Analysis | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 92.75 - 98.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 420: Management Accounting for Corporate Accountants II | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 98.75 - 105.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 454: Taxes for Corporate Accountants | 3 | C | • Gather professional references<br>• Update your resume |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - A 105.75 - 112.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ WPC 448: Senior Career Transition Management | 0.25 | C | • Apply for full-time career opportunities |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 112.00 - 120.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8 | | |

Hide Course List(s)/Track Group(s)

| Quantitative Course |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| Upper Division International Business Course - select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or Qauntitative Course |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Financial Planning), BA

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSFPBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

| | |
|---|---|
| Term hours subtotal: | 15.25 |

| Term 3 31.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| PSY course (SB) | 3 | | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 4 46.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIN 300: Fundamentals of Finance | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| FIN 380: Personal Financial Management | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIN 385: Personal Insurance Planning | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 386: Estate Planning Strategies | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

| Term 7 92.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 435: Personal Tax Management and Planning | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| ★ FIN 420: Personal Portfolio Management | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIN 460: Personal Finance Cases and Modeling | 3 | C | • Apply for full-time career opportunities |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| WPC 484: Internships & Applied Academics OR Upper Division Elective | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 13.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | Quantitative Course | General Studies Electives |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | ACO 100: All About Data: Design, Query, and Visualization (CS) | ASL 101: American Sign Language I |
| ECN 306: Survey of International Economics (SB & G) | EDS 223: Design Thinking | ASL 102: American Sign Language II |
| MGT 302: Principles of International Business (G) | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | ASL 201: American Sign Language III |
| MKT 425: Global Marketing Management (G) | | ASL 202: American Sign Language IV |
| SCM 463: Global Supply Chain Management (G) | | BIO 320: Fundamentals of Ecology |
| | | CHI 110: Intensive Chinese I |
| | | CHI 205: Chinese Calligraphy |
| | | COM 207: Introduction to Communication Inquiry |
| | | COM 259: Communication in Business and the Professions |
| | | COM 281: Communication Activities |

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 110: Intensive Japanese I

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Financial Planning), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSFPBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 60.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60.50 - 66.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIN 300: Fundamentals of Finance | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |

| | |
|---|---|
| Term hours subtotal: | 6.25 |

| Term 5 - B 66.75 - 75.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIN 380: Personal Financial Management | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 75.75 - 81.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIN 385: Personal Insurance Planning | 3 | C | • Complete informational interviews |
| MKT 300: Marketing and Business Performance | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIN 386: Estate Planning Strategies | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 90.75 - 96.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIN 420: Personal Portfolio Management | 3 | C | • Gather professional references<br>• Update your resume |
| General Studies Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105.75 - 112.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACC 435: Personal Tax Management and Planning | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR WPC 484: Internships & Applied Academics | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 112.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIN 460: Personal Finance Cases and Modeling | 3 | C | |

| | | |
|---|---|---|
| General Studies Elective | 3 | |
| Upper Division Elective | 2 | |
| Term hours subtotal: | 8 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| ROM 101: Elementary Romanian Language and Culture I |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |
| WPC 150: Business and Society |

| Quantitative Course |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Food Industry Management), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus
BABUSFIMBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| AGB 100: Introduction to Agribusiness | 3 | C | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| AGB 250: Economics of Resource Allocation: Food and Agriculture | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIN 300: Fundamentals of Finance | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| MKT 300: Marketing and Business Performance | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AGB 420: Food Advertising and Promotion | 3 | C | • Complete informational interviews |

| | | | |
|---|---|---|---|
| ★ AGB 425: Food Supply Networks | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) ( AGB 302 recommended) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AGB 435: Commodity Futures and Options Markets | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| ★ AGB 456: Food Product Innovation and Development | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division General Studies Elective | 2 | | |
| Upper Division Elective OR AGB 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AGB 445: Food Retailing | 3 | C | • Apply for full-time career opportunities |
| ★ AGB 481: Strategic Pricing in Food Markets | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

Quantitative Course

ACO 100: All About Data: Design, Query, and Visualization (CS)

EDS 223: Design Thinking

EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Food Industry Management), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSFIMBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college specific First Year Seminar is required for all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| PSY course (SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7.25 | | |

| Term 4 - A 47.50 - 53.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| AGB 250: Economics of Resource Allocation: Food and Agriculture | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 53.50 - 60.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60.50 - 66.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 300: Marketing and Business Performance | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |

| | |
|---|---|
| Term hours subtotal: | 6.25 |

| Term 5 - B 66.75 - 75.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 300: Organization and Management Leadership | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 75.75 - 80.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | • Complete informational interviews |
| Upper Division General Studies Elective | 2 | | |
| Term hours subtotal: | 5 | | |

| Term 6 - B 80.75 - 89.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AGB 420: Food Advertising and Promotion | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ FIN 300: Fundamentals of Finance | 3 | C | |
| ★ Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 89.75 - 98.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AGB 456: Food Product Innovation and Development | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| Literacy and Critical Inquiry (L) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 98.75 - 104.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AGB 435: Commodity Futures and Options Markets | 3 | C | • Gather professional references<br>• Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 104.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AGB 445: Food Retailing | 3 | C | • Apply for full-time career opportunities |
| ★ AGB 481: Strategic Pricing in Food Markets | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 9.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AGB 425: Food Supply Networks | 3 | C | |

| | | |
|---|---|---|
| Upper Division Elective OR AGB 484: Internship OR WPC 484: Internship | 3 | |
| | Term hours subtotal: | 6 |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Uper Division International Business Course-select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Education Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| ROM 101: Elementary Romanian Language and Culture I |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |
| WPC 150: Business and Society |

| Quantitative Course |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Global Agribusiness), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus
BABUSGAGBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| AGB 100: Introduction to Agribusiness | 3 | C | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) ( BIO 100 recommended) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| AGB 250: Economics of Resource Allocation: Food and Agriculture | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIN 300: Fundamentals of Finance | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AGB 321: Agribusiness Marketing | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| BUS 434: Business Risk Management OR AGB 333: Agribusiness Finance | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

| | | |
|---|---|---|
| Upper Division International Business Course AND Global Awareness (G) ( AGB 302 recommended) | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

| Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AGB 410: Agribusiness Management | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| ★ AGB 435: Commodity Futures and Options Markets | 3 | C | |
| ★ AGB 452: Global Food and Agricultural Trade | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AGB 414: Food and Agribusiness Policy Issues (L) | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division General Studies Elective | 3 | | |
| Elective OR AGB 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
|---|
| ASL 101: American Sign Language I |
| ASL 102: American Sign Language II |
| ASL 201: American Sign Language III |
| ASL 202: American Sign Language IV |
| BIO 320: Fundamentals of Ecology |
| CHI 110: Intensive Chinese I |
| CHI 205: Chinese Calligraphy |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |

| General Studies Electives Continued |
|---|
| LAT 101: Elementary Latin |
| LAT 102: Elementary Latin |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| MAT 310: Introduction to Geometry |
| MAT 342: Linear Algebra |
| MAT 370: Intermediate Calculus |
| MAT 371: Advanced Calculus I |
| MAT 372: Advanced Calculus II |
| MAT 410: Introduction to General Topology |

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

Quantitative Course

ACO 100: All About Data: Design, Query, and Visualization (CS)

EDS 223: Design Thinking

EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236:

| |
|---|
| Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or Qauntitative Course |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
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**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Global Leadership), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSGBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Join a student club or organization |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-year student registration information here<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| PSY course (SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 52.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 52.50 - 59.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 300: Marketing and Business Performance | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 300: Organization and Management Leadership | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 74.75 - 80.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 486: International Political Economy (SB & G) OR POS 350: Comparative Politics (SB & G) | 3 | C | • Complete an in person or virtual practice interview |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 80.75 - 88.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division International Business Course AND Global Awareness (G) | 3 | C | • Cannot share Upper Division International Business Elective with concentration course requirements.<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Upper Division Elective | 2 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 8 | | |

| Term 7 - A 88.75 - 95.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Global Leadership Elective | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 7 - B 95.75 - 104.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 411: Leading Organizations | 3 | C | • Gather professional references<br>• Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 104.75 - 111.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 430: Negotiations OR SCM 463: Global Supply Chain Management (G) | 3 | C | • SCM 463 cannot count as both International Business course requirement and major course. If SCM 463 is taken here, select another course to fulfill International Business course requirement.<br>• Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Global Leadership Elective | 3 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 111.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 400: Cross-Cultural Management (C & G) | 3 | C | |
| General Studies Elective | 3 | | |

| | | |
|---|---|---|
| Upper Division Elective OR WPC 484: Internship | 3 | |
| Term hours subtotal: | 9 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Global Leadership Electives - select two courses (6 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H) |
| JUS 350: Immigration and Justice (SB & C) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| POS 350: Comparative Politics (SB & G) |
| POS 360: World Politics (SB & G) |
| POS 486: International Political Economy (SB & G) |
| SCM 463: Global Supply Chain Management (G) |
| SOC 352: Social Change (SB & G & H) |

| Upper Division International Business Course - select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| Quantitative Course |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| General Studies Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |

| | |
|---|---|
| ENG 310: Intermediate Creative Writing | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ENG 345: Selected Authors or Issues | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| FAS 301: Introduction to Parenting | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 242: Elementary Linear Algebra | MAT 211: Mathematics for Business Analysis or Qauntitative Course |
| MAT 243: Discrete Mathematical Structures | |
| ROM 101: Elementary Romanian Language and Culture I | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| WPC 150: Business and Society | |

**Notes:**

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**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

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- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Global Logistics Management), BA

School/College: W. P. Carey School of Business
Location: West campus
BABUSGLBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a "C" or better. | | | |
| Complete ECN 221 with a "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 300: Global Supply Operations | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ACC 241 with a "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 354: Procurement of Services | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach<br>• Complete informational interviews |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |

| | | |
|---|---|---|
| General Studies Elective | 3 | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

| **Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SCM 314: Analytics for Logistics | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| ★ SCM 344: Applied Logistics Management | 3 | C | |
| ★ SCM 385: Business and Sustainability I | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MGT 411: Leading Organizations | 3 | C | • Apply for full-time career opportunities |
| ★ SCM 445: Advanced Logistics Management | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
|---|
| ASL 101: American Sign Language I |
| ASL 102: American Sign Language II |
| ASL 201: American Sign Language III |
| ASL 202: American Sign Language IV |
| BIO 320: Fundamentals of Ecology |
| CHI 110: Intensive Chinese I |
| CHI 205: Chinese Calligraphy |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |

| General Studies Electives Continued |
|---|
| LAT 101: Elementary Latin |
| LAT 102: Elementary Latin |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| MAT 310: Introduction to Geometry |
| MAT 342: Linear Algebra |
| MAT 370: Intermediate Calculus |
| MAT 371: Advanced Calculus I |
| MAT 372: Advanced Calculus II |
| MAT 410: Introduction to General Topology |
| MAT 415: Introduction to Combinatorics |

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

**Business Skills Courses - No Grades of D or E**

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

**Quantitative Course**

ACO 100: All About Data: Design, Query, and Visualization (CS)

EDS 223: Design Thinking

EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Business (Global Logistics Management), BA

School/College: W. P. Carey School of Business
Location:
BABUSGLBA

# and

# International Trade, BS

Thunderbird School of Global Management
TBINTRABS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Create a first draft resume.<br>• Create your LinkedIn profile.<br>• Create your Handshake profile. |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| TGM 101: Principles of Global Management (G) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TGM 191: First-Year Seminar OR WPC 101: Student Success in Business | 1 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Build your professional connections -- join the ASU Mentor Network<br>• Join a student club or professional organization.<br>• Secure a part-time job or a volunteer experience.<br>• Research study abroad opportunities recommended for your major |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| COM 225: Public Speaking (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

Term hours subtotal: 15.25

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Develop your skills<br>• Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347 |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| TGM 204: Principles of Marketing for Global Organizations OR MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Be sure to take upcoming SCM courses in the term indicated, due to limited section availability on West campus.<br>• To register for LES 305, a minimum 2.50 GPA is required. |
| ECN 306: Survey of International Economics (SB & G) | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 300: Global Supply Operations OR TGM 310: Supply Chain Operations for Global Organizations | 3 | C | • Work with your advisor to start planning your required internship experience. |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 15.25 | | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIN 300: Fundamentals of Finance OR TGM 300: Principles of Finance for Global Organizations | 3 | C | • TGM 484: Internship (minimum of 3 credit hours) suggested during summer term or Term 7. Work with your advisor to start planning your required internship experience .<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| SCM 314: Analytics for Logistics | 3 | C | |
| SCM 354: Procurement of Services | 3 | C | |
| TGM 353: Regional Management Environment (G) | 3 | C | |
| TGM 430: International Trade and Regional Economic Agreements | 3 | C | |

| | |
|---|---|
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | |
| Term hours subtotal: | 15 |

| **Term 7 92.75 - 107.75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SCM 344: Applied Logistics Management | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| SCM 385: Business and Sustainability I | 3 | C | |
| TGM 484: Internship | 3 | C | |
| TGM 489: Multinational Organizational Leadership | 3 | C | |
| MGT 411: Leading Organizations | 3 | C | |
| Term hours subtotal: | 15 | | |

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SCM 445: Advanced Logistics Management | 3 | C | |
| TGM 460: Global Risk Assessment and Management | 3 | C | |
| TGM 498: Pro-Seminar (L) | 3 | C | |
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Term hours subtotal: | 12.25 | | |

Hide Course List(s)/Track Group(s)

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |

| Quantitative Course |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

MAT 211: Mathematics for Business Analysis
or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Global Logistics Management), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSGLBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| General Studies Elective | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 300: Global Supply Operations | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 300: Organization and Management Leadership | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 74.75 - 81.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 354: Procurement of Services | 3 | C | • Complete informational interviews |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIN 300: Fundamentals of Finance | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Lower Division Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 90.75 - 96.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 314: Analytics for Logistics | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| ★ SCM 385: Business and Sustainability I | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 411: Leading Organizations | 3 | C | • Gather professional references<br>• Update your resume |
| ★ SCM 344: Applied Logistics Management | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 445: Advanced Logistics Management | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |

| | |
|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 |
| Term hours subtotal: | 6 |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| ROM 101: Elementary Romanian Language and Culture I |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |
| WPC 150: Business and Society |

| Quantitative Course |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Global Politics), BA

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSGPBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit..<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Global Politics Concentration Course - Comparative Politics | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 2 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Global Politics Concentration Course - Global Issues and Problems | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Upper Division Elective | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Global Politics Concentration Course - World Politics | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| POS 350: Comparative Politics (SB & G) | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

| | | | |
|---|---|---|---|
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | • Meet with your academic advisor to discuss your internship course options |
| Upper Division Elective OR POS 484: Internship OR WPC 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ POS 360: World Politics (SB & G) | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| SCM 300: Global Supply Operations | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective OR POS 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Global Politics Concentration Course - Global Issues and Problems | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR POS 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 12.25 | | |

Hide Course List(s)/Track Group(s)

| Global Politics Concentration (Comparative Politics) - select one course (3 credit hours) | Quantitative Course | Global Politics Concentration (Global Issues and Problems) - select two courses (6 credit hours) |
|---|---|---|
| CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty | ACO 100: All About Data: Design, Query, and Visualization (CS) | CEL 394: Left and Right Around the World |
| CEL 494: Political Leadership and Statesmanship | EDS 223: Design Thinking | CEL 494: Political Thought: Islam, Hinduism, Confucianism |
| POS 150: Comparative Government (SB & G) | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | POS 351: Democratization (SB & G) |
| POS 210: Political Ideologies (SB) | | POS 361: American Foreign Policy (SB & G) |
| POS 341: History of Political Philosophy II (HU & H) | | POS 364: National Security, Intelligence, and Terrorism (SB) |
| POS 352: European Democracies | | POS 367: World Politics and Global Inequalities (G) |
| POS 452: China (SB & G) | | |
| POS 453: Latin America (SB & G) | | |
| POS 358: Southeast Asia (SB & G) | | |

POS 442: American Political Thought (HU)

| Global Politics Concentration (World Politics) - select one course (3 credit hours) |
| --- |
| POS 300: Contemporary Global Controversies (SB & G) |
| POS 346: Problems of Democracy (HU) |
| POS 348: Do You Want to Build a Nation? (L) |
| POS 443: Topics in Contemporary Political Theory (HU) |
| POS 470: Law and the Political Order (SB) |
| POS 475: Morality and Politics |
| POS 486: International Political Economy (SB & G) |
| SGS 101: Thinking Globally: The Individual and Authority (SB & G) or SGS 301: Principles of Global Studies (G) |
| SGS 350: Economic Development and Globalization |

| Upper Division International Business Course - select one course (3 credit hours) |
| --- |
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| Business Skills Courses - No Grades of D or E |
| --- |
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or Qauntitative Course |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Health Care), BA

School/College: W. P. Carey School of Business
Location: West campus
BABUSHCBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 course(s) with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C | • Choose one of the available five Health Care tracks and within that track, complete at least four courses (12 credit hours).<br>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Business Health Care Track Course | 3 | C | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | Upper Division Business Health Care Track Course | 3 | C |
| | WPC 300: Problem Solving and Actionable Analytics | 3 | C |
| | Upper Division General Studies Elective | 3 | |
| | Upper Division International Business Elective AND Global Awareness (G) | 3 | C |
| | Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Term hours subtotal: | 15 | |

- Complete informational interviews
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

| **Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Business Health Care Track Course | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 14 | | |

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470
- Attend W. P. Carey and ASU Career Fairs
- Gather professional references
- Update your resume
- Meet with your academic advisor to discuss your internship course options

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ WPC 470: Business Administration Capstone | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Business Health Care Track Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Apply for full-time career opportunities

- W. P. Carey School of Business students may not use courses with the following prefixes to satisfy General Education course requirements: ACC, AGB, BUA, BUS, CIS, ECN, FIN, LES, MGT, MKT, QBA, REA, SCM, WPC.
- Courses that qualify as meeting the General Education course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

Hide Course List(s)/Track Group(s)

| Health Care Analytics - 4 courses (12 credit hours) | Health Care Community - 4 courses (12 credit hours) | Health Care Coordination - 4 courses (12 credit hours) |
|---|---|---|
| CIS 235: Introduction to Information Systems | HCR 231: Fundamentals of Community Health | HCR 302: Social Determinants of Health |
| CIS 308: Advanced Excel in Business | | HCR 321: Advanced Concepts for Health Care Coordination |

CIS 310: Business Data Visualization

CIS 405: Business Intelligence

Quantitative Course

ACO 100: All About Data: Design, Query, and Visualization (CS)

EDS 223: Design Thinking

EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Upper Division International Business Course - one course (3 credit hours)

AGB 302: International Management and Agribusiness (G)

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

HCR 335: Program Development and Management for Community Health

HCR 430: Foundation to Health Care Systems

HCR 435: Leaders in Community Health

Health Care Delivery - 4 courses (12 credit hours)

HCD 302: Health Care Management

HCD 303: Global Health Care Systems (G)

HCD 304: Health Care Finance

HCD 330: Health Care Systems in the U.S.

HCD 401: Leadership and Professionalism

HCD 402: Health Economics

HCD 403: Process Engineering

General Studies Electives

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

HCR 420: Professional Role Development: Health Care Coordination

HCR 422: Policy and Financial Principles in Health Care Coordination

Health Care Innovation - 4 courses (12 credit hours)

HCI 311: Health Innovation: Foundational Concepts

HCI 421: Health Care Policy: The Innovator's View

HCI 425: Facilitating Innovation to Achieve Outcomes

HCI 428: Technology: A Tool to Advance Innovation in Health Care

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Qauntitative Course

**Notes:**

-

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Human Resources), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus
BABUSHRBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

Term hours subtotal: 15.25

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| PSY course (SB) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 16.25

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

Term hours subtotal: 16

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Complete ACC 241 with a grade of "C" or better. | | | |

Term hours subtotal: 15.25

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 420: Human Resource Management | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

| | | |
|---|---|---|
| Upper Division International Business Course AND Global Awareness (G) | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

| Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 421: Compensation in Organizations | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| ★ MGT 423: Training and Development in Organizations | 3 | C | |
| ★ MGT 425: Global Human Resources | 3 | C | |
| Upper Division Elective | 2 | | |
| Upper Division Elective OR MGT 484: Internship | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 422: Staffing | 3 | C | • Apply for full-time career opportunities |
| ★ MGT 424: Employment Law | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| General Studies Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
|---|
| ASL 101: American Sign Language I |
| ASL 102: American Sign Language II |
| ASL 201: American Sign Language III |
| ASL 202: American Sign Language IV |
| BIO 320: Fundamentals of Ecology |
| CHI 110: Intensive Chinese I |
| CHI 205: Chinese Calligraphy |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |

| General Studies Electives Continued |
|---|
| LAT 101: Elementary Latin |
| LAT 102: Elementary Latin |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| MAT 310: Introduction to Geometry |
| MAT 342: Linear Algebra |
| MAT 370: Intermediate Calculus |
| MAT 371: Advanced Calculus I |
| MAT 372: Advanced Calculus II |
| MAT 410: Introduction to General Topology |

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

Quantitative Course

ACO 100: All About Data: Design, Query, and Visualization (CS)

EDS 223: Design Thinking

EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236:

| |
|---|
| Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or Qauntitative Course |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Information Security), BA

School/College: W. P. Carey School of Business
Location: West campus
BABUSISBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 235: Introduction to Information Systems | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 325: Fundamental Techniques for Business Data Analytics | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| CIS 360: Business Database Concepts | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 351: Governance, Risk and Compliance OR ACO 402: Privacy, Ethics and Compliance Issues or CIS 402: Privacy, Ethics and Compliance Issues | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| CIS 401: Managing Cyber Risks in Enterprise Business Processes | 3 | C | |

| | | |
|---|---|---|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C |
| Humanities, Arts and Design (HU) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

| Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACO 330: Computer Networks | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| FIN 300: Fundamentals of Finance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FOR 350: Computer Forensics | 3 | C | • Apply for full-time career opportunities |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12.25 | | |

- W. P. Carey School of Business students may not use courses with the following prefixes to satisfy General Studies course requirements: ACC, AGB, BUA, BUS, CIS, ECN, ENT, FIN, LES, MGT, MKT, QBA, REA, SCM, WPC.
- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |

SCM 463: Global Supply Chain Management (G)

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

Quantitative Course

ACO 100: All About Data: Design, Query, and Visualization (CS)

EDS 223: Design Thinking

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

| | |
|---|---|
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | MAT 211: Mathematics for Business Analysis or Qauntitative Course |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Information Security), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSISBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 61.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 61.50 - 67.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 235: Introduction to Information Systems | 3 | C | • Meet with your W. P. Carey Career Coach |
| MKT 300: Marketing and Business Performance | 3 | C | |

| | | | |
|---|---|---|---|
| WPC 348: Junior Networking Foundations | 0.25 | C | • Update your resume |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 67.75 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CIS 325: Fundamental Techniques for Business Data Analytics | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ★ CIS 401: Managing Cyber Risks in Enterprise Business Processes | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 76.75 - 85.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CIS 402: Privacy, Ethics and Compliance Issues | 3 | C | • Complete informational interviews |
| ENG 302: Business Writing (L) | 3 | | |
| SCM 300: Global Supply Operations | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 85.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CIS 360: Business Database Concepts | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 91.75 - 100.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ACO 330: Computer Networks | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 100.75 - 107.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C | • Gather professional references<br>• Update your resume |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FOR 350: Computer Forensics | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LES 305: Business Law and Ethics for Managers | 3 | C | |

| | | |
|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | |
| Term hours subtotal: | 6 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| ROM 101: Elementary Romanian Language and Culture I |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |
| WPC 150: Business and Society |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or Qauntitative Course |

| Quantitative Course |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |

EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Language and Culture), BA

School/College: W. P. Carey School of Business
Location: Tempe campus, West campus
BABSLACUBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement.<br>• ASU Language Placement: Only true beginners are eligible for 101-level language courses. Students with previous experience in the language are required to take a language placement exam.<br>• Dependent upon your language proficiency, some language tracks may require more than 120 credit hours to complete this degree.<br>• Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options. |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| Language and Culture Track Course | 4-8 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14-18 | | |

| Term 2 14 - 30.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major<br>• Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options.<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Language and Culture Track Course | 4-5 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16.25-17.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 30.25 - 45.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Language and Culture Track Course | 3-5 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15.25-17.25 | | |

| Term 4 45.50 - 61.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| COM 263: Elements of Intercultural Communication (SB & C & G) | 3 | | |
| Language and Culture Track Course | 3-5 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16-18 | | |

| Term 5 61.50 - 77.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Language and Culture Track Course AND Upper Division Humanities, Arts and Design (HU) or Upper Division Social-Behavioral Sciences (SB) | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Language and Culture Track Course | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |

| | | |
|---|---|---|
| Upper Division Language and Culture Track Course AND Literacy and Critical Inquiry (L) | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Humanities, Arts and Design (HU) | 3 | |
| Term hours subtotal: | 15 | |

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Language and Culture Track Course | 6 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| MGT 302: Principles of International Business (G) OR ECN 306: Survey of International Economics (SB & G) | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Language and Culture Track Course | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 459: International Management (G) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| Term hours subtotal: | 12.25 | | |

- 
  - Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options.
  - The Spanish track is available on the Tempe and West campuses.
  - The Chinese, French, and Italian tracks are only available at the Tempe campus.
  - Dependent upon your language proficiency, some language tracks may require more than 120 credit hours to complete this degree.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Elective - select one course (3 credit hours) | Quantitative Course | Language and Culture - Chinese Track |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | ACO 100: All About Data: Design, Query, and Visualization (CS) | CHI 120: Introduction to Chinese Culture (L or HU) |
| ECN 306: Survey of International Economics (SB & G) | EDS 223: Design Thinking | CHI 201: Second-Year Chinese I (G) or CHI 110: Intensive Chinese I |
| ECN 335: South Asia and the World Economy (SB & G) | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | CHI 202: Second-Year Chinese II (G) or CHI 210: Intensive Chinese II |
| ECN 360: Economic Development (SB & G) | | CHI 301: Third-Year Chinese I (G) |
| ECN 436: International Trade Theory (SB & G) | | CHI 302: Third-Year Chinese II (G) |
| | | CHI 333: China (SB & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or CHI 343: Daoism ((L or HU) & G & H) |

ECN 438: International Monetary Economics (SB & G)

MGT 302: Principles of International Business (G)

MGT 400: Cross-Cultural Management (C & G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

CHI 338: Daode Jing: Way to the West (L or HU) or CHI 451: Chinese Cultural History I ((HU or SB) & H)

CHI 401: Fourth-Year Chinese I (G)

CHI 402: Fourth-Year Chinese II (G)

CHI 407: Chinese for Academic and Professional Purposes I (G)

Language and Culture - Chinese Native Speaker Track

**Complete all four courses below:**

CHI 307: Introduction to Literary Chinese I (HU)

CHI 308: Introduction to Literary Chinese II (HU)

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

**Choose six courses from the list below:**

CHI 333: China (SB & H)

CHI 336: Interpreting China's Classics ((L or HU) & H)

CHI 338: Daode Jing: Way to the West (L or HU)

CHI 343: Daoism ((L or HU) & G & H)

CHI 345: Chinese Film and Civilization

CHI 451: Chinese Cultural History I ((HU or SB) & H)

CHI 452: Chinese Cultural History II (SB & G & H)

CHI 470: Modern Chinese Literature and Culture

Language and Culture - French Track

FRE 201: Intermediate French I (G) or FRE 110: Intensive French I (G)

FRE 202: Intermediate French II (G) or FRE 210: Intensive French II (G)

FRE 305: Readings in French Literature (G)

FRE 311: Oral and Written Expression I (G)

FRE 312: Oral and Written Expression II (G)

FRE 319: Business French (G)

FRE 321: French Cultural Masterpieces I ((L or HU) & H)

FRE 411: Advanced Spoken French (G)

FRE 412: Advanced Written French (G)

FRE 416: French Civilization II (HU & G)

Language and Culture - Italian Track

ITA 201: Intermediate Italian I (G) or ITA 110: Intensive Italian I (G)

ITA 202: Intermediate Italian II (G) or ITA 210: Intensive Italian II (G)

ITA 311: Speak Italy: Language, People, Culture (G)

ITA 312: Write Italy: Language, People, Culture (L & G)

ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G)

ITA 319: Italian for Professions

ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H)

ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU)

ITA 413: Advanced Italian (G)

ITA 414: French and Italian Popular Culture ((L or HU) & G) or ITA 420: Italian Cinema (L & G)

Language and Culture - Spanish Track

SPA 201: Intermediate Spanish (G) or SPA 203: Intermediate Spanish I for Bilinguals (G) or SPA 110: Intensive Spanish I (G)

SPA 202: Intermediate Spanish (G) or SPA 204: Intermediate Spanish II for Bilinguals (G) or SPA 210: Intensive Spanish II (G)

SPA 313: Spanish Conversation and Composition (G) or SPA 315: Advanced Spanish I for Bilinguals (C)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236:

| | |
|---|---|
| SPA 314: Spanish Conversation and Composition (G) or SPA 316: Advanced Spanish II for Bilinguals (L & C) | Honors Introduction to Information Systems (CS) |
| SPA 319: Business Correspondence and Communication (G) | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| SPA 325: Introduction to Hispanic Literature (HU) | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| SPA 402: Written Communication for the Professions or SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G) | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| SPA 412: Advanced Conversation and Composition (G) | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| SPA 4** Elective ( SPA 472 recommended) | MAT 211: Mathematics for Business Analysis or Qauntitative Course |
| SPA course (L) Upper Division | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Law), BA

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSLBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAW 210: Introduction to American Legal System and Business Law | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Law Concentration Elective | 3 | C | • LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See class search for the topics available.<br>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Upper Division General Studies Elective | 3 | | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | Upper Division Law Concentration Elective | 3 | C |
| | MKT 300: Marketing and Business Performance | 3 | C |
| | WPC 300: Problem Solving and Actionable Analytics | 3 | C |
| | Upper Division International Business Course AND Global Awareness (G) | 3 | C |
| | Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Term hours subtotal: | 15 | |

- LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See class search for the topics available.
- Complete informational interviews
- Meet with your academic advisor to discuss your internship course options

| **Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Law Concentration Elective | 6 | C | • LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See class search for the topics available.<br>• Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Elective | 2 | | |
| Upper Division General Studies Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ LAW 480: The Law of Business Organizations | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| FIN 300: Fundamentals of Finance | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Law Concentration Electives - select four courses (12 credit hours) | Upper Division International Business Course - select one course (3 credit hours) | Quantitative Course |
|---|---|---|
| AGB 414: Food and Agribusiness Policy Issues (L) | AGB 302: International Management and Agribusiness (G) | ACO 100: All About Data: Design, Query, and Visualization (CS) |
| COM 222: Argumentation (L) | ECN 306: Survey of International Economics (SB & G) | EDS 223: Design Thinking |
| COM 326: Court Room Oratory | MGT 302: Principles of International Business (G) | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |
| ENG 216: Persuasive Writing on Public Issues (L) | MKT 425: Global Marketing Management (G) | |
| ENG 472: Rhetorical Studies (L) | SCM 463: Global Supply Chain Management (G) | |

HST 322: Constitutional History of the United States Since 1865 (H)

LAW 394: Special Topics

LAW 494: Special Topics

LES 380: Consumer Perspective of Business Law

MGT 420: Human Resource Management

MGT 424: Employment Law

MGT 430: Negotiations

PHI 103: Principles of Sound Reasoning (L or HU)

PHI 307: Philosophy of Law (HU)

POS 325: Public Policy Development (SB)

POS 465: International Organization and Law (SB & G)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

POS 484: Internship

REA 411: Real Estate Law

TWC 451: Copyright and Intellectual Property in the Electronic Age

General Studies Electives

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 271: Calculus with Analytic Geometry II (MA)

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

MAT 211: Mathematics for Business Analysis or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Law), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSLBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Students must complete two math courses. Students will complete either MAT 117 and then MAT 210 or MAT 210 and then MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and then MAT 210 or MAT 210 and then MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |

| | | |
|---|---|---|
| PSY course (SB) | 3 | |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Upper Division General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 60.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| General Studies Elective | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 1 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60.50 - 66.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAW 210: Introduction to American Legal System and Business Law | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 66.75 - 75.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 302: Business Writing (L) | 3 | | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 75.75 - 82.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Law Concentration Elective | 3 | C | • Complete informational interviews |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 82.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Law Concentration Elective | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 91.75 - 100.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Law Concentration Elective | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 100.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Law Concentration Elective | 3 | C | • Gather professional references<br>• Update your resume |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ LAW 480: The Law of Business Organizations | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |

Term hours subtotal: 6

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| Law Concentration Electives - select four courses (12 credit hours) |
|---|
| ENG 216: Persuasive Writing on Public Issues (L) |
| LAW 394: Special Topics |
| LAW 494: Special Topics |
| MGT 420: Human Resource Management |
| MGT 430: Negotiations |
| PHI 103: Principles of Sound Reasoning (L or HU) |
| PHI 307: Philosophy of Law (HU) |
| POS 325: Public Policy Development (SB) |
| POS 484: Internship |
| TWC 451: Copyright and Intellectual Property in the Electronic Age |

| Quantitative Course |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| General Studies Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |

| | |
|---|---|
| ENG 345: Selected Authors or Issues | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| FAS 301: Introduction to Parenting | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 242: Elementary Linear Algebra | MAT 211: Mathematics for Business Analysis or Qauntitative Course |
| MAT 243: Discrete Mathematical Structures | |
| ROM 101: Elementary Romanian Language and Culture I | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| WPC 150: Business and Society | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

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

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSPBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| General Studies Elective | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 300: Public Management and Administration | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Complete informational interviews |
| FIN 300: Fundamentals of Finance | 3 | C | |

| | | | |
|---|---|---|---|
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division PSPP Concentration Course | 3 | C | |
| Upper Division Elective | 2 | | |
| Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 14 | | |

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division PSPP Concentration Course | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| PSPP Concentration Courses - select two courses (6 credit hours) | Upper Division International Business Course - select one course (3 credit hours) | Quantitative Course |
|---|---|---|
| CEL 394: Liberalism and Conservatism in America | AGB 302: International Management and Agribusiness (G) | ACO 100: All About Data: Design, Query, and Visualization (CS) |
| CEL 494: Adam Smith and Classical Political Economy | ECN 306: Survey of International Economics (SB & G) | EDS 223: Design Thinking |
| PAF 302: Public Service Research Methods | MGT 302: Principles of International Business (G) | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |
| PAF 410: Building Leadership Skills (SB) | MKT 425: Global Marketing Management (G) | |
| PAF 460: Public Service Ethics | SCM 463: Global Supply Chain Management (G) | |
| PAF 470: Topics in Public Economics and Financial Management | | |

PAF 471: Public Policy Analysis

| General Studies Electives |
| --- |
| ASL 101: American Sign Language I |
| ASL 102: American Sign Language II |
| ASL 201: American Sign Language III |
| ASL 202: American Sign Language IV |
| BIO 320: Fundamentals of Ecology |
| CHI 110: Intensive Chinese I |
| CHI 205: Chinese Calligraphy |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 281: Communication Activities |
| COM 312: Communication, Conflict, and Negotiation |
| COM 341: Social Contexts for Performance |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| COM 465: Intercultural Communication Workshop |
| ENG 210: Introduction to Creative Writing |
| ENG 213: Introduction to the Study of Language |
| ENG 310: Intermediate Creative Writing |
| ENG 314: Modern Grammar |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| GCU 433: Geography of Southeast Asia |
| GRK 101: Elementary Ancient Greek |
| GRK 201: Intermediate Ancient Greek |
| HST 389: Japan Society and Values/Premod |
| JPN 110: Intensive Japanese I |
| IDN 101: Elementary Indonesian I |
| IDN 102: Elementary Indonesian II |

| General Studies Electives Continued |
| --- |
| LAT 101: Elementary Latin |
| LAT 102: Elementary Latin |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| MAT 310: Introduction to Geometry |
| MAT 342: Linear Algebra |
| MAT 370: Intermediate Calculus |
| MAT 371: Advanced Calculus I |
| MAT 372: Advanced Calculus II |
| MAT 410: Introduction to General Topology |
| MAT 415: Introduction to Combinatorics |
| MAT 416: Graph Theory |
| MAT 442: Advanced Linear Algebra |
| MAT 443: Introduction to Abstract Algebra |
| MAT 444: Intermediate Abstract Algebra |
| MAT 445: Theory of Numbers |
| MAT 460: Vector Calculus |
| MAT 461: Applied Complex Analysis |
| MAT 462: Applied Partial Differential Equations |
| MAT 472: Intermediate Real Analysis I |
| MAT 475: Differential Equations |
| MAT 485: History of Mathematics |
| ROM 101: Elementary Romanian Language and Culture I |
| ROM 201: Intermediate Romanian Language and Culture I |
| ROM 313: Romanian Composition and Conversation |
| ROM 314: Romanian Composition and Conversation |
| RUS 101: Elementary Russian I |
| RUS 102: Elementary Russian II |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |

| Business Skills Courses - No Grades of D or E |
| --- |
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or Qauntitative Course |

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Business (Retail Management), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSRBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |

| | | |
|---|---|---|
| PSY course (SB) | 3 | |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 300: Marketing and Business Performance | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified | | Minimum | |
|---|---|---|---|

| by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ MGT 300: Organization and Management Leadership | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 74.75 - 81.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 440: Quality Management/Measurement | 3 | C | • Complete informational interviews |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIN 300: Fundamentals of Finance | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 90.75 - 96.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 385: Business and Sustainability I | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| General Studies Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 411: Leading Organizations | 3 | C | • Gather professional references<br>• Update your resume |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AGB 445: Food Retailing | 3 | C | • Apply for full-time career opportunities |
| MKT 396: Essentials of Services Marketing | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MKT 420: Retail Management | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

Term hours subtotal: 6

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) |
| --- |
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| Quantitative Course |
| --- |
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| General Studies Electives |
| --- |
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| ROM 101: Elementary Romanian Language and Culture I |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |
| WPC 150: Business and Society |

| Business Skills Courses - No Grades of D or E |
| --- |
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Sports Business), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus, Tempe campus
BABUSMSBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 300: Marketing and Business Performance | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| MKT 311: Sports Business | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| General Studies Elective | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 421: Fan Behavior and Sports Marketing | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

| | | | |
|---|---|---|---|
| | Upper Division International Business Course AND Global Awareness (G) | 3 | C |
| | Humanities, Arts and Design (HU) | 3 | |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Term hours subtotal: | 15 | |

| Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Sports Business Elective | 6 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Elective | 2 | | |
| Upper Division Elective OR MKT 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MCO 465: Sports and Media | 3 | C | • Apply for full-time career opportunities |
| FIN 300: Fundamentals of Finance | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Sports Business Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division Sports Business Electives - select 3 courses (9 credit hours, MKT 494 must be sports related) |
|---|
| AFR 375: Race, Gender and Sport (SB & C) |
| MCO 420: Strategic Sports Communication |
| MKT 431: Sports Events and Facility Management |
| MKT 441: Sports Revenue Generation |
| MKT 451: Sports Business Analytics |
| MKT 484: Internship |
| MKT 493: Honors Thesis (L) |
| MKT 494: Special Topics |

| Upper Division International Business Course - select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
|---|
| ASL 101: American Sign Language I |
| ASL 102: American Sign Language II |
| ASL 201: American Sign Language III |
| ASL 202: American Sign Language IV |
| BIO 320: Fundamentals of Ecology |
| CHI 110: Intensive Chinese I |
| CHI 205: Chinese Calligraphy |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

**General Studies Electives Continued**

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

**Quantitative Course**

ACO 100: All About Data: Design, Query, and Visualization (CS)

EDS 223: Design Thinking

EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

**Business Skills Courses - No Grades of D or E**

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Sports Business), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSMSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and then MAT 210 or MAT 210 and then MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |

| | | |
|---|---|---|
| PSY course (SB) | 3 | |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| General Studies Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 300: Marketing and Business Performance | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified | | Minimum | |
|---|---|---|---|

| by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ MKT 311: Sports Business | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| **Term 6 - A 74.75 - 81.75 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| LES 305: Business Law and Ethics for Managers | 3 | C | • Complete informational interviews |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| **Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MKT 421: Fan Behavior and Sports Marketing | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| **Term 7 - A 90.75 - 99.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Sports Business Elective | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 7 - B 99.75 - 105.75 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| FIN 300: Fundamentals of Finance | 3 | C | • Gather professional references<br>• Update your resume |
| Upper Division Sports Business Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MCO 465: Sports and Media | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR MKT 484: Internship OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8.25 | | |

| **Term 8 - B 114.00 - 120.00 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Sports Business Elective | 3 | C | |
| General Studies Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

| Upper Division Sports Business Electives - select 3 courses (9 credit hours, MKT 494 must be sports related) |
|---|
| AFR 375: Race, Gender and Sport (SB & C) |
| MKT 441: Sports Revenue Generation |
| MKT 451: Sports Business Analytics |
| MKT 484: Internship |
| MKT 494: Special Topics |

| Upper Division International Business Course- select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| ROM 101: Elementary Romanian Language and Culture I |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |
| WPC 150: Business and Society |

| Quantitative Course |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |

| |
|---|
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or Qauntitative Course |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Statistics), BA

School/College: W. P. Carey School of Business
Location: West campus
BABUSTABA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Business Statistics students are encouraged to take STP 420 early, if you are considering taking additional statistics courses<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 300: Global Supply Operations | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach |
| ENG 302: Business Writing (L) | 3 | | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 310: Business Data Visualization | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |

| | | |
|---|---|---|
| Upper Division International Business Course AND Global Awareness (G) | 3 | C |
| Humanities, Arts and Design (HU) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

| **Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ STP 310: Design and Analysis of Experiments | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| ★ STP 311: Regression and Time Series Analyses | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ CIS 405: Business Intelligence | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| ★ STP 315: Statistical Computing | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR STP 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| Quantitative Course |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| General Studies Electives |
|---|
| ASL 101: American Sign Language I |
| ASL 102: American Sign Language II |
| ASL 201: American Sign Language III |
| ASL 202: American Sign Language IV |
| BIO 320: Fundamentals of Ecology |
| CHI 110: Intensive Chinese I |
| CHI 205: Chinese Calligraphy |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Sustainability), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus, Tempe campus, West campus
BABUSSBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 46.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| SOS 110: Sustainable World (SB) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 4 46.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| SOS 111: Sustainable Cities ((HU or SB) & G) OR PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 62.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 300: Global Supply Operations | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SOS 325: The Economics of Sustainability | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Sustainability Elective | 3 | C | • Complete informational interviews |
| MKT 300: Marketing and Business Performance | 3 | C | |

| | | | |
|---|---|---|---|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 385: Business and Sustainability I | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 485: Business and Sustainability II | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division Sustainability Elective | Upper Division International Business Course - select one course (3 credit hours) | Quantitative Course |
|---|---|---|
| AGB 414: Food and Agribusiness Policy Issues (L) | AGB 302: International Management and Agribusiness (G) | ACO 100: All About Data: Design, Query, and Visualization (CS) |
| AGB 452: Global Food and Agricultural Trade | ECN 306: Survey of International Economics (SB & G) | EDS 223: Design Thinking |
| SOS Upper Division Elective | MGT 302: Principles of International Business (G) | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |
| | MKT 425: Global Marketing Management (G) | |

| | |
|---|---|
| | SCM 463: Global Supply Chain Management (G) |
| Business Skills Courses - No Grades of D or E | |
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) | |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) | |
| MAT 211: Mathematics for Business Analysis or Qauntitative Course | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.50 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Sustainability), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hous of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |

| | | | |
|---|---|---|---|
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| SOS 110: Sustainable World (SB) | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| SOS 111: Sustainable Cities ((HU or SB) & G) OR PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 300: Marketing and Business Performance | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 68.75 - 77.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 302: Business Writing (L) | 3 | | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 77.75 - 84.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 325: The Economics of Sustainability | 3 | C | • Complete informational interviews |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 84.75 - 90.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 300: Organization and Management Leadership | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90.75 - 99.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 385: Business and Sustainability I | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99.75 - 105.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS Upper Division Elective | 3 | C | • Gather professional references<br>• Update your resume |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 485: Business and Sustainability II | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 8.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| Upper Division Elective | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | Quantitative Course | Business Skills Courses - No Grades of D or E |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | ACO 100: All About Data: Design, Query, and Visualization (CS) | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ECN 306: Survey of International Economics (SB & G) | EDS 223: Design Thinking | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MGT 302: Principles of International Business (G) | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MKT 425: Global Marketing Management (G) | | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| SCM 463: Global Supply Chain Management (G) | | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | | MAT 211: Mathematics for Business Analysis or Qauntitative Course |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Technology), BA

School/College: W. P. Carey School of Business
Location: Polytechnic campus
BABUSTCBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEM 400: Technology Entrepreneurship | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| Technology Focus Area Course | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TMC 470: Enterprise Planning and Implementation | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ENG 302: Business Writing (L) | 3 | | |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |

| | | | |
|---|---|---|---|
| | Technology Focus Area Course | 3 | C |
| | Upper Division General Studies Elective | 3 | |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Term hours subtotal: | 15 | |

| Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Technology Focus Area Course | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Elective | 2 | | |
| Upper Division Elective OR TEM 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Technology Focus Area Course | 3 | C | • Apply for full-time career opportunities |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division General Studies Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

- • Choose one Focus Area and complete 12 credit hours.
  • Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Technology Focus Area (Digital Media) - choose one focus area (12 credit hours) | Technology Focus Area (Social Entrepreneurship) - choose one focus area (12 credit hours) | Upper Division International Business Course - select one course (3 credit hours) |
|---|---|---|
| GIT 215: Introduction to Web Authoring | AGB 321: Agribusiness Marketing | AGB 302: International Management and Agribusiness (G) |
| GIT 230: Digital Illustration in Publishing | AGB 333: Agribusiness Finance | ECN 306: Survey of International Economics (SB & G) |
| GIT 303: Digital Publishing | TEM 230: Creativity and Business Innovation | MGT 302: Principles of International Business (G) |
| GIT 334: Image Editing and Manipulation | TEM 431: Innovation Management | MKT 425: Global Marketing Management (G) |
| | TEM 455: Global Impact Entrepreneurship | SCM 463: Global Supply Chain Management (G) |
| | TMC 331: Quality Assurance | |
| | TMC 430: Enterprise Strategy and Innovation | |
| General Studies Electives | Quantitative Course | General Studies Electives Continued |

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

ACO 100: All About Data: Design, Query, and Visualization (CS)

EDS 223: Design Thinking

EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

KOR 102: First-Year Korean II

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Tourism), BA

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSTBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 205: Introduction to Travel and Tourism (G) | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Tourism Concentration Elective | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Tourism Concentration Elective | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

| | | |
|---|---|---|
| Upper Division Elective | 2 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 14 | |

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Tourism Concentration Elective | 3 | C | • Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR MGT 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Tourism Concentration Elective | 6 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Tourism Concentration Electives - select five courses (15 credit hours) | Upper Division International Business Course - select one course (3 credit hours) | Quantitative Course |
|---|---|---|
| PRM 145: Special Events Management | AGB 302: International Management and Agribusiness (G) | ACO 100: All About Data: Design, Query, and Visualization (CS) |
| TDM 225: Introduction to Resort and Hotel Management | ECN 306: Survey of International Economics (SB & G) | EDS 223: Design Thinking |
| TDM 345: Meeting and Convention Planning | MGT 302: Principles of International Business (G) | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |
| TDM 350: Tourism, Recreation and Sports Marketing | MKT 425: Global Marketing Management (G) | |
| TDM 372: Tourism Planning (L) | SCM 463: Global Supply Chain Management (G) | |
| TDM 386: Convention Sales and Management | | |
| TDM 415: Tourism Transportation Systems | | |
| TDM 448: Heritage and Cultural Tourism | | |
| TDM 458: International Tourism (G) | | |
| TDM 475: Entrepreneurial Recreation and Tourism | | |

TDM 480: Sustainable Tourism

TDM 483: Sports Tourism

TDM 484: Internship

General Studies Electives

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 271: Calculus with Analytic Geometry II (MA)

MAT 211: Mathematics for Business Analysis or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or Quantitative course

| | |
|---|---|
| IDN 101: Elementary Indonesian I | SPA 101: Elementary Spanish I |
| IDN 102: Elementary Indonesian II | SPA 102: Elementary Spanish II |
| JPN 206: Japanese Calligraphy | SPA 111: Fundamentals of Spanish |
| JPN 414: Introduction to Classical Japanese | SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala |
| KOR 101: First-Year Korean I | UNI 110: Critical Reading and Thinking |
| KOR 102: First-Year Korean II | WPC 150: Business and Society |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business (Tourism), BA

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABUSTBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Join a student club or organization |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| SOC course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |

| | | |
|---|---|---|
| PSY course (SB) | 3 | |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| TDM 205: Introduction to Travel and Tourism (G) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 300: Marketing and Business Performance | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 68.75 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 300: Organization and Management Leadership | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| Tourism Concentration Elective | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 77.75 - 85.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | • Complete informational interviews |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8 | | |

| Term 6 - B 85.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIN 300: Fundamentals of Finance | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 7 - A 92.75 - 98.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Tourism Concentration Elective | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ LES 305: Business Law and Ethics for Managers | 3 | C | • Gather professional references<br>• Update your resume |
| Upper Division Tourism Concentration Elective | 3 | C | |
| Upper Division General Studies Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 107.75 - 114.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 448: Senior Career Transition Management | 0.25 | C | • Apply for full-time career opportunities |
| Upper Division Tourism Concentration Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Tourism Concentration Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Quantitative Course |
| --- |
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| Tourism Concentration Electives - select five courses (15 credit hours) |
| --- |
| PRM 145: Special Events Management |
| TDM 225: Introduction to Resort and Hotel Management |
| TDM 345: Meeting and Convention Planning |
| TDM 350: Tourism, Recreation and Sports Marketing |
| TDM 386: Convention Sales and Management |
| TDM 448: Heritage and Cultural Tourism |
| TDM 458: International Tourism (G) |
| TDM 475: Entrepreneurial Recreation and Tourism |
| TDM 480: Sustainable Tourism |
| TDM 483: Sports Tourism |
| TDM 484: Internship |

| International Business Course - select one course (3 credit hours) |
| --- |
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
| --- |
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |

| Business Skills Courses - No Grades of D or E |
| --- |
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |

| | |
|---|---|
| MAT 242: Elementary Linear Algebra | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 243: Discrete Mathematical Structures | MAT 211: Mathematics for Business Analysis or Qauntitative Course |
| ROM 101: Elementary Romanian Language and Culture I | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| WPC 150: Business and Society | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business Data Analytics, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BABDABS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15.25 | |

- Research study abroad opportunities recommended for your major

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | | |
| Complete MAT 211 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 60.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 235: Introduction to Information Systems | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| General Studies Elective | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| Term 5 60.50 - 75.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 325: Fundamental Techniques for Business Data Analytics | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| CIS 365: Business Database Systems Development | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 75.75 - 90.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ CIS 315: Introduction to Business Data Analytics | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ CIS 355: Business Data Warehouses and Dimensional Modeling | 3 | C | |
| ★ Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90.75 - 105.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ CIS 375: Business Data Mining | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| ★ CIS 415: Big Data Analytics in Business | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 8 105.75 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ CIS 450: Enterprise Analytics | 3 | C | • Apply for full-time career opportunities |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| General Studies Elective | 2 | | |
| Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics | 3 | | |
| Term hours subtotal: | 14.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| | ASL 202: American Sign Language IV | MAT 310: Introduction to Geometry |

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC

261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business Data Analytics, BS

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BABDABS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-year student registration information here<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | | |
|---|---|---|
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

instead
complete three hours of elective credit.

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 2 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 235: Introduction to Information Systems | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ CIS 325: Fundamental Techniques for Business Data Analytics | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ★ CIS 365: Business Database Systems Development | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 6 - A 74.75 - 83.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ CIS 315: Introduction to Business Data Analytics | 3 | C | • Complete informational interviews |
| ★ CIS 355: Business Data Warehouses and Dimensional Modeling | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Term hours subtotal: | 9 | | |

| **Term 6 - B 83.75 - 89.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ CIS 375: Business Data Mining | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| **Term 7 - A 89.75 - 98.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ CIS 415: Big Data Analytics in Business | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ CIS 450: Enterprise Analytics | 3 | C | • Gather professional references<br>• Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 9 | | |

| **Term 8 - A 107.75 - 114.00 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics | 3 | | |
| Term hours subtotal: | 6.25 | | |

| **Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |

| | | |
|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 6 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| ROM 101: Elementary Romanian Language and Culture I |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |
| WPC 150: Business and Society |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

**Notes:**

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business Entrepreneurship, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUENTBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC 101: Introductory Sociology (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation.<br>• PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 7 |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15.25 | |

- Explore student leadership opportunities and mentorship programs in W. P. Carey
- Research study abroad opportunities recommended for your major

| Term 3 31.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Elective ( ENT 290 recommended) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | | |
| Complete MAT 211 with a grade of "C" or better. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 4 46.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Apply for internships or create one<br>• Develop your professional online presence |
| ENT 305: Principles of Entrepreneurship | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Upper Division Elective | 1 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENT 360: Entrepreneurship and Value Creation | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| MGT 300: Organization and Management Leadership | 3 | C | |
| ENG 302: Business Writing (L) | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 94.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division ENT Track Course | 3 | C | • Students choose one track option from the following: ENT Startup, ENT Finance, ENT Management, or ENT Studies. View track group below for course options.<br>• Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 94.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MGT 320: Organizational Behavior | 3 | C | • Students choose one track option from the following: ENT Startup, ENT Finance, ENT Management, or ENT Studies. View track group below for course options.<br>• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume<br>• Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Elective OR ENT 484: Internship OR WPC 484: Internship | 3 | | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND MGT 302 or International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 12 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| ★ Upper Division ENT Track Course | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Entrepreneurship Elective | 3 | C | |
| General Studies Elective | 3 | | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 13.25 | | |

- • Students choose one track option from the following: ENT Startup, ENT Finance, ENT Management, or ENT Studies. View track group below for course options.
  • Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| ENT Management Track - select two courses (6 credit hrs) | ENT Finance Track - select two courses (6 credit hrs) | ENT Start Up Track - complete two courses (6 credit hrs) |
|---|---|---|
| ENT 441: Entrepreneurial Management | ENT 446: Venture Capital Experience | ENT 446: Venture Capital Experience |
| ENT 448: Corporate Entrepreneurship | FIN 455: Entrepreneurial Finance | ENT 447: Lean Launch |
| MKT 435: Entrepreneurial Marketing | | |
| MKT 440: Creating Digital Experiences | | |

| ENT Studies Track - select two courses (6 credit hrs) | Upper Division Entrepreneurship Elective - select one course (3 credit hours) | Upper Division International Business Course - select one course (3 credit hours) |
|---|---|---|
| ENT 340: Creativity and Innovation (L or HU) | ENT 340: Creativity and Innovation (L or HU) | AGB 302: International Management and Agribusiness (G) |
| ENT 441: Entrepreneurial Management | ENT 441: Entrepreneurial Management | ECN 306: Survey of International Economics (SB & G) |
| ENT 446: Venture Capital Experience | ENT 446: Venture Capital Experience | MGT 302: Principles of International Business (G) |
| ENT 447: Lean Launch | ENT 447: Lean Launch | MKT 425: Global Marketing Management (G) |
| ENT 448: Corporate Entrepreneurship | ENT 448: Corporate Entrepreneurship | SCM 463: Global Supply Chain Management (G) |
| ENT 464: Collaborative Design Development I (L) | ENT 464: Collaborative Design Development I (L) | |
| ENT 465: Collaborative Design Development II (L) | ENT 465: Collaborative Design Development II (L) | |
| ENT 484: Internship | ENT 484: Internship | |
| ENT 493: Honors Thesis (L) | ENT 493: Honors Thesis (L) | |
| FIN 455: Entrepreneurial Finance | FIN 455: Entrepreneurial Finance | |
| MGT 310: Collaborative Team Skills | MGT 310: Collaborative Team Skills | |
| MGT 411: Leading Organizations | MGT 411: Leading Organizations | |
| MGT 420: Human Resource Management | MGT 420: Human Resource Management | |
| MGT 430: Negotiations | MGT 430: Negotiations | |
| MGT 450: Consulting Projects (L) | MGT 450: Consulting Projects (L) | |
| MKT 435: Entrepreneurial Marketing | MKT 435: Entrepreneurial Marketing | |
| MKT 440: Creating Digital Experiences | MKT 440: Creating Digital Experiences | |

| Business Skills Courses - No Grades of D or E | General Studies Electives | General Studies Electives Continued |
|---|---|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | | MAT 372: Advanced Calculus II |

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 110: Intensive Japanese I

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Business Exploratory

School/College: W. P. Carey School of Business
Location: Tempe campus
BABUSEXP

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement.<br>• Complete the me3 career interest tool<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major<br>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit. |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PSY course (SB) | 3 | | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | |

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | |
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Business Skills Courses: No Grades of D or E | | |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| Complete MAT 211 with a grade of "C" or better. | | |
| Milestone: Selection of a major. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore career resources
- Develop your professional online presence
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs
- Must declare major by end of term 3

- 
  - Must declare major by the end of Term 3.
  - Changes of major into this program are not allowed.

Hide Course List(s)/Track Group(s)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 47.5
**Upper Division Hours:** 51 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Computer Information Systems, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BACISBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Join the W. P. Carey mentorship programs |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | | |
|---|---|---|
| Complete MAT 210 with a grade of "C" or better. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15.25 | |

- Explore student leadership opportunities in W. P. Carey
- Research study abroad opportunities recommended for your major

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C |
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| PSY course (SB) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| Business Skills Courses: No Grades of D or E | | |
| Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| Complete MAT 211 with a grade of "C" or better. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore career resources
- Develop your professional online presence
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| CIS 235: Introduction to Information Systems | 3 | C |
| ACC 241: Uses of Accounting Information II | 3 | C |
| General Studies Elective | 4 | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Elective | 1 | |
| Business Skills Courses: No Grades of D or E | | |
| Complete ACC 231 with a grade of "C" or better. | | |
| Complete ECN 221 with a grade of "C" or better. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Attend W. P. Carey and ASU career fairs
- Apply for internships or create one

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| CIS 340: Business Information System Development I | 3 | C |
| CIS 365: Business Database Systems Development | 3 | C |
| MKT 300: Marketing and Business Performance | 3 | C |
| SCM 300: Global Supply Operations | 3 | C |
| WPC 348: Junior Networking Foundations | 0.25 | C |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | |
| Complete ACC 241 with a grade of "C" or better. | | |
| Term hours subtotal: | 15.25 | |

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Meet with your W. P. Carey Career Coach
- Update your resume

| | | Minimum |
|---|---|---|

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ CIS 345: Business Information System Development II | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ CIS 425: Web Technologies for the Enterprise | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CIS 401: Managing Cyber Risks in Enterprise Business Processes | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| ★ CIS 430: Mobile Platforms for Business | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CIS 440: Capstone in Information Systems (L) | 3 | C | • Apply for full-time career opportunities |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 110: Intensive Japanese I

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

**Notes:**

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**Total Hours:** 120
**Upper Division Hours:** 50 minimum
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**Cumulative GPA:** 2.00 minimum
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**General University Requirements Legend**

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- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Computer Information Systems, BS

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BACISBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| WPC 150: Business and Society | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete 3 hours of elective credit. |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |

| | | | |
|---|---|---|---|
| Business Skills Courses: No Grades of D or E | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| | Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 61.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| General Studies Elective | 4 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 8 | | |

| Term 5 - A 61.50 - 67.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CIS 235: Introduction to Information Systems | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 67.75 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ CIS 340: Business Information System Development I | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| MGT 300: Organization and Management Leadership | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 76.75 - 82.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CIS 365: Business Database Systems Development | 3 | C | • Complete informational interviews |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 82.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CIS 345: Business Information System Development II | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 91.75 - 98.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CIS 425: Web Technologies for the Enterprise | 3 | C | • All upper-division Business Core classes (including an International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs |
| ENG 302: Business Writing (L) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CIS 401: Managing Cyber Risks in Enterprise Business Processes | 3 | C | • Gather professional references<br>• Update your resume |
| ★ CIS 430: Mobile Platforms for Business | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CIS 440: Capstone in Information Systems (L) | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Elective OR WPC 484: Internships & Applied Academics | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |

| | |
|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 |
| Term hours subtotal: | 6 |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| ROM 101: Elementary Romanian Language and Culture I |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |
| WPC 150: Business and Society |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Economics, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BAECNBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete MAT 210 OR MAT 270 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15.25-16.25 | |

- Research study abroad opportunities recommended for your major

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ECN 211 AND ECN 212 with grades of "C" or better. | | | |
| Complete MAT 211 OR MAT 271 with grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Upper Division Elective | 2 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| General Studies Elective | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C |
| | ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics | 3 | C |
| | MKT 300: Marketing and Business Performance | 3 | C |
| | SCM 300: Global Supply Operations | 3 | C |
| | WPC 300: Problem Solving and Actionable Analytics | 3 | C |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Term hours subtotal: | 15 | |

- 3 credit hours maximum of ECN 484 is allowed
- Complete informational interviews
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

| **Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G) | 3 | C | • 3 credit hours maximum of ECN 484 is allowed.<br>• All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| ECN 4** Elective | 3 | C | |
| Upper Division Economics Elective | 3 | C | |
| Elective OR ECN 484: Internship OR WPC 484: Internship | 3 | | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND ECN 306 or ECN 360 or ECN 436 or ECN 438 course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ ECN 475: Capstone in Economics (L) | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| ECN 4** Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Economics Electives |
|---|
| ECN 306: Survey of International Economics (SB & G) |
| ECN 315: Money & Banking |
| ECN 331: Economics of the European Economic Union (SB & G) |

| General Studies Electives |
|---|
| ASL 101: American Sign Language I |
| ASL 102: American Sign Language II |
| ASL 201: American Sign Language III |
| ASL 202: American Sign Language IV |
| BIO 320: Fundamentals of Ecology |

| General Studies Electives Continued |
|---|
| LAT 101: Elementary Latin |
| LAT 102: Elementary Latin |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| MAT 310: Introduction to Geometry |

ECN 335: South Asia and the World Economy (SB & G)

ECN 342: Sports Economics

ECN 345: Survey of Environmental and Resource Economics

ECN 355: Economics of Healthcare

ECN 360: Economic Development (SB & G)

ECN 365: Economics of Russia and Eastern Europe (SB & G)

ECN 394: Special Topics or ECN 494: Special Topics

ECN 411: Current Analysis of the U.S. Economy

ECN 416: Game Theory and Economic Behavior

ECN 421: Labor Economics (SB)

ECN 423: Economics of Education

ECN 436: International Trade Theory (SB & G)

ECN 438: International Monetary Economics (SB & G)

ECN 441: Public Economics (SB)

ECN 445: Environmental Economics

ECN 453: Industrial Organization and Competition Policy

ECN 455: Health Economics

ECN 470: Mathematical Economics

ECN 484: Internship

ECN 493: Honors Thesis (L)

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC

261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Economics, BS

School/College: W. P. Carey School of Business
Location:
BAECNBS

# and

# Engineering Management, BSE

Ira A. Fulton Schools of Engineering
ESEMGBSE

In order to complete this concurrent degree in four years, you must take courses during the summer.Â This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

| **Term 1 0 - 15 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101-IEE or WPC 101 meets this requirement.<br>• Students taking CHM 113 for the Basic Science Elective need to earn a "C" minimum grade and complete CHM 116 for the degree. |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-IEE: The ASU Experience OR WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Basic Science Elective | 3-4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15-16 | | |

| **Term 2 15 - 31.25 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Join a student club or organization<br>• Create your first college resume<br>• Research study abroad opportunities recommended for your major |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |

| | | |
|---|---|---|
| WPC 150: Business and Society | 3 | C |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16.25 | |

| **Summer 2 Session 1 31.25 - 37.25 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| COM 263: Elements of Intercultural Communication (SB & C & G) | 3 | | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Summer 2 Session 2 37.25 - 43.25 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) OR SOC course (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 3 43.25 - 59.50 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Students who took CHM 113 for the Basic Science Elective in term 1 must complete CHM 116 for the degree<br>• Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Meet with your Career Coaches<br>• Develop your professional online presence |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Global Engineering/Sustainability/Entrepreneurship Track Course | 3-4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 OR ECN 212 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25-17.25 | | |

| **Term 4 59.50 - 77.50 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken. |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| ECN Upper Division Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| **Summer 4 Session 1 77.50 - 83.50 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | |
|---|---|---|
| ENG 302: Business Writing (L) | 3 | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C |
| Term hours subtotal: | 6 | |

| Summer 4 Session 2 83.50 - 89.50 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 89.50 - 104.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | • Attend Career Fairs<br>• Apply for internships or create one<br>• Complete informational interviews |
| ★ IEE 376: Operations Research Deterministic Techniques/Applications | 3 | C | |
| IEE 300: Economic Analysis for Engineers | 3 | C | |
| IEE 385: Engineering Statistics: Probability | 3 | C | |
| IEE 431: Engineering Administration (L) | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 15.25 | | |

| Term 6 104.75 - 120.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | |
| ★ IEE 477: System Dynamics and Thinking | 3 | C | |
| IEE 321: Ethics and Technical Communication | 1 | C | |
| IEE 369: Work Analysis and Design (L) | 3 | C | |
| IEE 381: Lean Six Sigma Methodology | 3 | C | |
| IEE 458: Project Management | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Summer 6 Session 1 120.75 - 126.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G) | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Term hours subtotal: | 6 | | |

| Summer 6 Session 2 126.75 - 132.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 275: Modern Differential Equations (MA) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 132.75 - 150.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics | 3 | C | |

| | | |
|---|---|---|
| ECN 4** Elective | 3 | C |
| IEE 454: Risk Management | 3 | C |
| IEE 485: Systems Design Capstone I (L) | 3 | C |
| IEE 412: Introduction to Financial Engineering | 3 | C |
| IEE 474: Quality Control | 3 | C |
| Term hours subtotal: | 18 | |

- All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480.
- A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken.

| **Term 8** 150.75 - 169.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 475: Capstone in Economics (L) | 3 | C | |
| ECN 4** Elective | 3 | C | |
| IEE 456: Introduction to Systems Engineering | 3 | C | |
| IEE 486: Systems Design Capstone II (L) | 3 | C | |
| WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| IEE 461: Production Control | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Term hours subtotal: | 18.25 | | |

- A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken.
- Apply for full-time career opportunities

Hide Course List(s)/Track Group(s)

| Basic Science Elective - select one course (3-4 credit hours) |
|---|
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 202: Human Anatomy and Physiology II (SG) |
| BME 111: Engineering Perspectives on Biological Systems |
| CHM 113: General Chemistry I (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) |
| GLG 102: Introduction to Geology II (Historical) (SG & H) |
| GLG 110: Dangerous World (SQ & G) |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |

| Global Engineering/Sustainability/Entrepreneurship Track - select one course (3-4 credit hours) |
|---|
| ABS 270: Sustainable Biological Systems |
| ALA 102: Landscapes and Sustainability (HU & G) |
| CEE 181: Technological, Social, and Sustainable Systems (HU) |
| FSE 301: Entrepreneurship and Value Creation |
| PUP 190: Sustainable Cities ((HU or SB) & G) or SOS 111: Sustainable Cities ((HU or SB) & G) |
| SES 106: Habitable Worlds (SQ) |
| SOS 110: Sustainable World (SB) |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 169
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Economics, BS

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BAECNBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | | |
|---|---|---|
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

instead
complete three hours of elective credit.

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Elective | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 68.75 - 77.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C | |

| | | |
|---|---|---|
| MKT 300: Marketing and Business Performance | 3 | C |
| Upper Division Economics Elective | 3 | C |
| Term hours subtotal: | 9 | |

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.

| Term 6 - A 77.75 - 83.75 Credit Hours | Hours | Minimum Grade |
|---|---|---|
| ECN 410: Applied Regression Analysis and Forecasting | 3 | C |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C |
| Term hours subtotal: | 6 | |

- Complete informational interviews

| Term 6 - B 83.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade |
|---|---|---|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C |
| FIN 300: Fundamentals of Finance | 3 | C |
| LES 305: Business Law and Ethics for Managers | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 9 | |

- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

| Term 7 - A 92.75 - 98.75 Credit Hours | Hours | Minimum Grade |
|---|---|---|
| ENG 302: Business Writing (L) | 3 | |
| ECN 4** Elective | 3 | C |
| Term hours subtotal: | 6 | |

- All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480
- Attend W. P. Carey and ASU Career Fairs

| Term 7 - B 98.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade |
|---|---|---|
| ★ ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G) | 3 | C |
| General Studies Elective | 3 | |
| Upper Division Elective | 2 | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND ECN 306 or ECN 360 or ECN 436 or ECN 438 course(s). | | |
| Term hours subtotal: | 8 | |

- Gather professional references
- Update your resume

| Term 8 - A 106.75 - 114.00 Credit Hours | Hours | Minimum Grade |
|---|---|---|
| ECN 4** Elective | 3 | C |
| WPC 448: Senior Career Transition Management | 0.25 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Term hours subtotal: | 7.25 | |

- Apply for full-time career opportunities

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade |
|---|---|---|
| ★ ECN 475: Capstone in Economics (L) | 3 | C |

| | | |
|---|---|---|
| WPC 480: W. P. Carey Capstone Course (L) | 3 | C |
| Term hours subtotal: | 6 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Economics Electives |
|---|
| ECN 306: Survey of International Economics (SB & G) |
| ECN 315: Money & Banking |
| ECN 421: Labor Economics (SB) |
| ECN 438: International Monetary Economics (SB & G) |
| ECN 484: Internship |

| General Studies Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| ROM 101: Elementary Romanian Language and Culture I |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |
| WPC 150: Business and Society |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Finance, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BAFINBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15.25 | |

- Research study abroad opportunities recommended for your major

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 232: Financial Accounting I OR ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• ACC 232 and ACC 242 are the recommended ACC courses for Finance students<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | | |
| Complete MAT 211 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 242: Managerial Accounting I OR ACC 241: Uses of Accounting Information II | 3 | C | • If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the student must take an additional FIN 400-level course to satisfy the required hours in the major.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• ACC 232 and ACC 242 are the recommended ACC courses for Finance students<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| FIN 302: Managerial Finance OR FIN 303: Honors Finance | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 232 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 340: External Reporting I | 3 | C | • If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the student must take an additional FIN 400-level course to satisfy the required hours in the major.<br>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a |
| FIN 361: Advanced Managerial Finance | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Complete ACC 242 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

delay in graduation. See your academic advisor for more information and options
- Meet with your W. P. Carey Career Coach
- Update your resume

| Term 6 78.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIN 421: Security Analysis and Portfolio Management | 3 | C | • If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the student must take an additional FIN 400-level course to satisfy the required hours in the major<br>• Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division Finance Elective | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Upper Division Elective | 2 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Finance Elective | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Accountancy and Finance concurrent degree students may not use ACC 350 or ACC 440 as the Finance Upper Division Elective, and must take an additional Finance Upper Division Elective to replace ACC 340.<br>• Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| General Studies Elective | 3 | | |
| Elective OR FIN 484: Internship OR WPC 484: Internship | 3 | | |
| Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIN 461: Financial Cases and Modeling (L) | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| General Studies Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

General Studies Electives

Upper Division Finance Elective - select one course (3 credit hours)

- ACC 350: Internal Reporting
- ACC 440: External Reporting II
- FIN 427: Derivative Financial Securities
- FIN 331: Financial Markets and Institutions
- FIN 431: Management of Financial Institutions
- FIN 455: Entrepreneurial Finance
- FIN 456: International Financial Management (G)
- FIN 471: SIM Fund
- FIN 472: Investment Banking Industry Scholars
- FIN 494: Special Topics

Upper Division International Business Course - select one course (3 credit hrs)

- AGB 302: International Management and Agribusiness (G)
- ECN 306: Survey of International Economics (SB & G)
- MGT 302: Principles of International Business (G)
- MKT 425: Global Marketing Management (G)
- SCM 463: Global Supply Chain Management (G)

- ASL 101: American Sign Language I
- ASL 102: American Sign Language II
- ASL 201: American Sign Language III
- ASL 202: American Sign Language IV
- BIO 320: Fundamentals of Ecology
- CHI 110: Intensive Chinese I
- CHI 205: Chinese Calligraphy
- COM 207: Introduction to Communication Inquiry
- COM 259: Communication in Business and the Professions
- COM 281: Communication Activities
- COM 312: Communication, Conflict, and Negotiation
- COM 341: Social Contexts for Performance
- COM 414: Crisis Communication
- COM 430: Leadership in Group Communication
- COM 453: Communication Training and Development
- COM 465: Intercultural Communication Workshop
- ENG 210: Introduction to Creative Writing
- ENG 213: Introduction to the Study of Language
- ENG 310: Intermediate Creative Writing
- ENG 314: Modern Grammar
- ENG 345: Selected Authors or Issues
- FAS 301: Introduction to Parenting
- GCU 433: Geography of Southeast Asia
- GRK 101: Elementary Ancient Greek
- GRK 201: Intermediate Ancient Greek
- HST 389: Japan Society and Values/Premod
- IDN 101: Elementary Indonesian I
- IDN 102: Elementary Indonesian II
- JPN 110: Intensive Japanese I
- JPN 206: Japanese Calligraphy
- JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Management, BS

School/College: W. P. Carey School of Business
Location: Polytechnic campus, Tempe campus, West campus
BAMGTBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC 101: Introductory Sociology (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation.<br>• PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 6<br>• Explore student leadership opportunities and mentorship programs in W. P. Carey |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete MAT 210 course with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15.25 | |

- Research study abroad opportunities recommended for your major

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | | |
| Complete MAT 211 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:*<br>General Studies Elective | 6 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ MGT 320: Organizational Behavior | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Management Elective | 3 | C | |
| General Studies Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MGT 400: Cross-Cultural Management (C & G) | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Management Elective | 3 | C | |
| Upper Division Elective | 2 | | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND MGT 302 or International Business Course (G) course(s). | | | |
| Term hours subtotal: | 14 | | |

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MGT 411: Leading Organizations | 3 | C | • Apply for full-time career opportunities |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| 4** Business Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division Management Electives - select two courses (6 credit hours) | 4** Business Elective - select one course (3 credit hours) | Upper Division International Business Course - select one course (3 credit hours) |
|---|---|---|
| ENT 340: Creativity and Innovation (L or HU) | ACC 4** Elective | AGB 302: International Management and Agribusiness (G) |
| ENT 360: Entrepreneurship and Value Creation | AGB 4** Elective | ECN 306: Survey of International Economics (SB & G) |
| ENT 440: Entrepreneurship | CIS 4** Elective | MGT 302: Principles of International Business (G) |
| ENT 445: Business Model Development | ECN 4** Elective | MKT 425: Global Marketing Management (G) |
| ENT 446: Venture Capital Experience | ENT 4** Elective | |
| ENT 447: Lean Launch | FIN 4** Elective | |

ENT 494: Special Topics

MGT 310: Collaborative Team Skills

MGT 420: Human Resource Management

MGT 421: Compensation in Organizations

MGT 422: Staffing

MGT 423: Training and Development in Organizations

MGT 424: Employment Law

MGT 425: Global Human Resources

MGT 426: HR Consulting Projects

MGT 430: Negotiations

MGT 450: Consulting Projects (L)

MGT 459: International Management (G)

MGT 484: Internship

MGT 493: Honors Thesis (L)

MGT 494: Special Topics

MGT 4** Elective

MKT 4** Elective

REA 4** Elective

SCM 4** Elective

SCM 463: Global Supply Chain Management (G)

General Studies Electives

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
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**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
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- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Management, BS

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BAMGTBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-year student registration information here<br>• Join a student club or organization |
| SOC 101: Introductory Sociology (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will |
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | | |
|---|---|---|
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

instead
complete three hours of elective credit.

- PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 6A

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| General Studies Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| General Studies Elective | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 300: Marketing and Business Performance | 3 | C | • Meet with your W. P. Carey Career Coach |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 68.75 - 77.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ MGT 300: Organization and Management Leadership | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| **Term 6 - A 77.75 - 84.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MGT 320: Organizational Behavior | 3 | C | • Complete informational interviews |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| **Term 6 - B 84.75 - 93.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ LES 305: Business Law and Ethics for Managers | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| **Term 7 - A 93.75 - 99.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MGT 400: Cross-Cultural Management (C & G) | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs |
| Upper Division Management Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 7 - B 99.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MGT 411: Leading Organizations | 3 | C | • Gather professional references<br>• Update your resume |
| Upper Division Management Elective | 3 | C | |
| Upper Division Elective | 2 | | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND MGT 302 or International Business Course (G) course(s). | | | |
| Term hours subtotal: | 8 | | |

| **Term 8 - A 107.75 - 114.00 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| 4** Business Elective | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6.25 | | |

| **Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |

| | |
|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 |
| Term hours subtotal: | 6 |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division Management Electives - select two courses (6 credit hours) | Upper Division International Business Course - select one course (3 credit hours) | 4** Business Elective - select one course (3 credit hours) |
|---|---|---|
| ENT 360: Entrepreneurship and Value Creation | AGB 302: International Management and Agribusiness (G) | ACC 4** Elective |
| MGT 420: Human Resource Management | ECN 306: Survey of International Economics (SB & G) | AGB 4** Elective |
| MGT 430: Negotiations | MGT 302: Principles of International Business (G) | CIS 4** Elective |
| | MKT 425: Global Marketing Management (G) | ECN 4** Elective |
| | SCM 463: Global Supply Chain Management (G) | MGT 4** Elective |
| | | MKT 4** Elective |
| | | SCM 4** Elective |

| General Studies Electives | Business Skills Courses - No Grades of D or E |
|---|---|
| BIO 320: Fundamentals of Ecology | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| COM 207: Introduction to Communication Inquiry | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| COM 259: Communication in Business and the Professions | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| COM 312: Communication, Conflict, and Negotiation | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| COM 414: Crisis Communication | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| COM 430: Leadership in Group Communication | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| COM 453: Communication Training and Development | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| ENG 210: Introduction to Creative Writing | MAT 270: Calculus with Analytic Geometry I (MA) or MAT 271: Calculus with Analytic Geometry II (MA) |
| ENG 310: Intermediate Creative Writing | |
| ENG 345: Selected Authors or Issues | |
| FAS 301: Introduction to Parenting | |
| MAT 242: Elementary Linear Algebra | |
| MAT 243: Discrete Mathematical Structures | |
| ROM 101: Elementary Romanian Language and Culture I | |

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

WPC 150: Business and Society

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

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**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Marketing, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BAMKTBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15.25 | |

- Research study abroad opportunities recommended for your major

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | | |
| Complete MAT 211 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 3 | | |
| Elective | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 302: Applied Marketing Management and Leadership (L) | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | MKT 352: Marketing Research (L) | 3 | C |
| | MGT 300: Organization and Management Leadership | 3 | C |
| | Upper Division International Business Course AND Global Awareness (G) | 3 | C |
| | Upper Division Marketing Elective | 3 | C |
| | General Studies Elective | 3 | |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Term hours subtotal: | 15 | |

- MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective.
- Complete informational interviews
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

| **Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MKT 402: Consumer Behavior | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Marketing Elective | 3 | C | |
| Upper Division Elective | 2 | | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 14 | | |

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480
- MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective.
- Attend W. P. Carey and ASU Career Fairs
- Gather professional references
- Update your resume

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MKT 442: Services Marketing Strategy OR MKT 452: Business-to-Business Marketing Strategy OR MKT 462: Competitive Marketing Strategy | 3 | C | |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Marketing Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12.25 | | |

- MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective.
- Apply for full-time career opportunities

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|---|
| Upper Division Marketing Electives - select three courses (9 credit hours, MKT 494 topic cannot be sports related)) | Upper Division International Business Course - select one course (3 credit hours) | Business Skills Courses - No Grades of D or E |
| MKT 355: Designing Brand Identity: Methods and Digital Tools | AGB 302: International Management and Agribusiness (G) | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| | ECN 306: Survey of International Economics (SB & G) | |

MKT 365: Advertising and Beyond: Customer-Centric Brand Development

MKT 370: Professional Sales and Relationship Management

MKT 385: Data-Driven Marketing

MKT 410: Sales Management

MKT 420: Retail Management

MKT 425: Global Marketing Management (G)

MKT 435: Entrepreneurial Marketing

MKT 440: Creating Digital Experiences

MKT 442: Services Marketing Strategy

MKT 450: Social Media and Content Marketing

MKT 452: Business-to-Business Marketing Strategy

MKT 455: Brand Management

MKT 462: Competitive Marketing Strategy

MKT 472: Immersive Brand Experience I: Intelligence, Insights and Strategy

MKT 473: Immersive Brand Experience II: Creative, Media and Measures

MKT 484: Internship

MKT 493: Honors Thesis (L)

MKT 494: Special Topics

MKT 499: Individualized Instruction

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

General Studies Electives

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Marketing, BS

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BAMKTBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-year student registration information here<br>• Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | | |
|---|---|---|
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

instead
complete three hours of elective credit.

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 52.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| General Studies Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 52.50 - 59.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 302: Applied Marketing Management and Leadership (L) | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 352: Marketing Research (L) | 3 | C | |

| | | | |
|---|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 74.75 - 83.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MKT 402: Consumer Behavior | 3 | C | • Complete informational interviews |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 83.75 - 89.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | • MKT 425 cannot count as both International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective from the list below.<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 89.75 - 96.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Marketing Elective | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MKT 442: Services Marketing Strategy OR MKT 452: Business-to-Business Marketing Strategy OR MKT 462: Competitive Marketing Strategy | 3 | C | • Gather professional references<br>• Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Marketing Elective | 3 | C | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105.75 - 112.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 448: Senior Career Transition Management | 0.25 | C | • Apply for full-time career opportunities |
| Upper Division Marketing Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 112.00 - 120.00 Credit Hours Necessary course signified | Hours | Minimum | Notes |
|---|---|---|---|

| by | | Grade | |
|---|---|---|---|
| WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 8 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division Marketing Electives - select three courses (9 credit hrs) |
|---|
| MKT 365: Advertising and Beyond: Customer-Centric Brand Development |
| MKT 420: Retail Management |
| MKT 425: Global Marketing Management (G) |
| MKT 442: Services Marketing Strategy |
| MKT 452: Business-to-Business Marketing Strategy |
| MKT 462: Competitive Marketing Strategy |
| MKT 484: Internship |

| Upper Division International Business Course - select one course (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |
| SCM 463: Global Supply Chain Management (G) |

| General Studies Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| ROM 101: Elementary Romanian Language and Culture I |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |
| WPC 150: Business and Society |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Marketing (Digital and Integrated Marketing Communications), BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BAMKDIMCBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | |
| ECN 212: Microeconomic Principles (SB) | 3 | C+ |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Business Skills Courses: No Grades of D or E. | | |
| Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| Complete MAT 211 with a grade of "C" or better. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore career resources
- Develop your professional online presence
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs

| **Term 4 47.50 - 63.50 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 3 | | |
| Elective | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Attend W. P. Carey and ASU career fairs
- Apply for internships or create one

| **Term 5 63.50 - 78.75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MKT 302: Applied Marketing Management and Leadership (L) | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| General Studies Elective | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Meet with your W. P. Carey Career Coach
- Update your resume

| **Term 6 78.75 - 93.75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MKT 352: Marketing Research (L) | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

- Complete informational interviews
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

| | | | |
|---|---|---|---|
| | Upper Division International Business Course AND Global Awareness (G) | 3 | C |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Term hours subtotal: | 15 | |

| Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MKT 402: Consumer Behavior | 3 | C | • Digital & Integrated Marketing Communication concentration electives must be taken at ASU<br>• If chosen as a concentration elective, MKT 493 Honors Thesis subject must be Advertising, Brand Management, or Digital Marketing<br>• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Digital & Integrated Marketing Communications Concentration Elective | 6 | C | |
| Upper Division Elective | 2 | | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MKT 442: Services Marketing Strategy OR MKT 452: Business-to-Business Marketing Strategy OR MKT 462: Competitive Marketing Strategy | 3 | C | • Digital & Integrated Marketing Communication concentration electives must be taken at ASU<br>• If chosen as a concentration elective, MKT 493 Honors Thesis subject must be Advertising, Brand Management, or Digital Marketing<br>• Apply for full-time career opportunities |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Digital & Integrated Marketing Communications Concentration Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- Choose three Upper Division Digital & Integrated Marketing Communication Concentration Electives.
- Digital & Integrated Marketing Communication concentration electives must be taken at ASU.
- If chosen as a concentration elective, MKT 493 Honors Thesis subject must be Advertising, Brand Management, or Digital Marketing.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|---|
| Digital & Integrated Marketing Communications Concentration Elective - select three courses (9 credit hours) | Upper Division International Business Course - select one course (3 credit hours) | Business Skills Courses - No Grades of D or E |
| | AGB 302: International Management and Agribusiness (G) | |

MKT 355: Designing Brand Identity: Methods and Digital Tools

MKT 365: Advertising and Beyond: Customer-Centric Brand Development

MKT 385: Data-Driven Marketing

MKT 440: Creating Digital Experiences

MKT 450: Social Media and Content Marketing

MKT 455: Brand Management

MKT 472: Immersive Brand Experience I: Intelligence, Insights and Strategy

MKT 473: Immersive Brand Experience II: Creative, Media and Measures

MKT 484: Internship

MKT 493: Honors Thesis (L)

MKT 494: Innovations in Marketing

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

General Studies Electives

ASL 101: American Sign Language I

ASL 102: American Sign Language II

ASL 201: American Sign Language III

ASL 202: American Sign Language IV

BIO 320: Fundamentals of Ecology

CHI 110: Intensive Chinese I

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Marketing (Professional Sales), BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BAMKTPSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | |
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Business Skills Courses: No Grades of D or E. | | |
| Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| Complete MAT 211 with a grade of "C" or better. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Develop your professional online presence
- Explore career resources
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs

| **Term 4 47.50 - 62.50 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MKT 302: Applied Marketing Management and Leadership (L) | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 2 | | |
| Business Skills Courses: No Grades of D or E. | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| **Term 5 62.50 - 77.75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MKT 352: Marketing Research (L) | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 370: Professional Sales and Relationship Management | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| General Studies Elective | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| **Term 6 77.75 - 92.75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MKT 402: Consumer Behavior | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| MKT 452: Business-to-Business Marketing Strategy | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

| | | |
|---|---|---|
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MKT 410: Sales Management | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| MGT 300: Organization and Management Leadership | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MKT 484: Internship | 3 | C | • MKT 484: Internship must be sales focused<br>• Apply for full-time career opportunities |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Professional Sales Concentration Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division Professional Sales Concentration Elective - select one course (3 credits) | Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives |
|---|---|---|
| MKT 420: Retail Management | AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I |
| MGT 430: Negotiations | ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II |
| MKT 435: Entrepreneurial Marketing | MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III |
| MKT 442: Services Marketing Strategy | MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV |
| MKT 493: Honors Thesis (L) | SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology |
| MKT 484: Internship | | CHI 110: Intensive Chinese I |
| MKT 494: Strategic Selling Using Data and Technology | | CHI 205: Chinese Calligraphy |
| | | COM 207: Introduction to Communication Inquiry |

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

| | |
|---|---|
| MAT 370: Intermediate Calculus | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MAT 371: Advanced Calculus I | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| MAT 372: Advanced Calculus II | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| MAT 410: Introduction to General Topology | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 415: Introduction to Combinatorics | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 416: Graph Theory | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| MAT 442: Advanced Linear Algebra | |
| MAT 443: Introduction to Abstract Algebra | |
| MAT 444: Intermediate Abstract Algebra | |
| MAT 445: Theory of Numbers | |
| MAT 460: Vector Calculus | |
| MAT 461: Applied Complex Analysis | |
| MAT 462: Applied Partial Differential Equations | |
| MAT 472: Intermediate Real Analysis I | |
| MAT 475: Differential Equations | |
| MAT 485: History of Mathematics | |
| ROM 101: Elementary Romanian Language and Culture I | |
| ROM 201: Intermediate Romanian Language and Culture I | |
| ROM 313: Romanian Composition and Conversation | |
| ROM 314: Romanian Composition and Conversation | |
| RUS 101: Elementary Russian I | |
| RUS 102: Elementary Russian II | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| SPA 111: Fundamentals of Spanish | |
| SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala | |
| UNI 110: Critical Reading and Thinking | |
| WPC 150: Business and Society | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Supply Chain Management, BS

School/College: W. P. Carey School of Business
Location: Tempe campus
BASCMBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 101: Student Success in Business | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement<br>• Join a student club or organization<br>• Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit..<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Join the W. P. Carey mentorship programs<br>• Explore student leadership opportunities in W. P. Carey |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| PSY course (SB) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete CIS 105 with a grade of "C" or better. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15.25 | |

- Research study abroad opportunities recommended for your major

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Develop your professional online presence<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | | |
| Complete MAT 211 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| SCM 300: Global Supply Operations | 3 | C | |
| General Studies Elective | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ACC 231 with a grade of "C" or better. | | | |
| Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 315: Business Decision Models | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.<br>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.<br>• Meet with your W. P. Carey Career Coach<br>• Update your resume |
| SCM 345: Logistics Management | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ SCM 355: Supply Management (L) | 3 | C | • Complete informational interviews<br>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach<br>• Meet with your academic advisor to discuss your internship course options |
| ★ SCM 432: Planning and Control Systems for Supply Chain Management | 3 | C | |
| ★ SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SCM 455: Research and Negotiation | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs<br>• Gather professional references<br>• Update your resume |
| ★ SCM 479: Supply Chain Strategy (L) | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Elective OR WPC 484: Internship | 3 | | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND SCM 463 or International Business Course (G) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | • Apply for full-time career opportunities<br>• Meet with your academic advisor to discuss your internship course options |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Upper Division Elective | 2 | | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

CHI 205: Chinese Calligraphy

COM 207: Introduction to Communication Inquiry

COM 259: Communication in Business and the Professions

COM 281: Communication Activities

COM 312: Communication, Conflict, and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

MAT 442: Advanced Linear Algebra

MAT 443: Introduction to Abstract Algebra

MAT 444: Intermediate Abstract Algebra

MAT 445: Theory of Numbers

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 485: History of Mathematics

ROM 101: Elementary Romanian Language and Culture I

ROM 201: Intermediate Romanian Language and Culture I

ROM 313: Romanian Composition and Conversation

ROM 314: Romanian Composition and Conversation

RUS 101: Elementary Russian I

RUS 102: Elementary Russian II

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

SPA 111: Fundamentals of Spanish

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

UNI 110: Critical Reading and Thinking

WPC 150: Business and Society

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map
# Supply Chain Management, BS

School/College: W. P. Carey School of Business
Location:
BASCMBS

## and
## Sustainability,
## BA

College of Global Futures
SUSUSTBA

In order to complete this concurrent degree in 4 years, you must take courses during the summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

| **Term 1** 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 191: Introduction to ASU and SOS for Freshmen OR WPC 101: Student Success in Business OR SOS 201: Introduction to ASU and Sustainability | 1 | C | • SOS 201 required of all Sustainability transfer students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam. CLEP and AP credit are also viable options for fulfilling the second language requirement<br>• A score of 4 or 5 on the AP Environmental Science exam fulfills the SOS 110 course requirement |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOS 110: Sustainable World (SB) OR SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 17 | | |

| **Term 2** 17 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • Join a student club or organization<br>• Create your first college resume<br>• Research study abroad opportunities recommended for your major |
| SOS 110: Sustainable World (SB) OR SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |

| | | |
|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | |
| Term hours subtotal: | 16 | |

| Summer 2 Session 1 33 - 40 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Summer 2 Session 2 40 - 43 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 3 | | |

| Term 3 43 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources |
| ECN 221: Business Statistics (CS) | 3 | C | |
| SOS 220: Systems Thinking | 3 | C | |
| SOS 232: Professional Skills in Sustainability Practice | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 59 - 76 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Select one of the following challenge area tracks: Policy and Governance in Sustainable Systems (SOS 321), International Development and Sustainability (SOS 322), or Sustainable Urban Dynamics (SOS 323 OR SOS 465). • Students must complete the course that corresponds with the track they have chosen, as well as SOS 320 and any two |
| SCM 300: Global Supply Operations | 3 | C | |
| *Complete 2 courses:* SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 6 | C | |

| | | | |
|---|---|---|---|
| SOS 231: Careers in Sustainability | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete SOS 220 course(s). | | | |
| Milestone: Select a Sustainability track | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 17 | | |

additional track courses, for a total of 12 credit hours of track courses.
- Students must complete six credit hours of challenge area/track electives related to the track they select.
- Meet with your Career Coaches.

| Summer 4 Session 1 76 - 83 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Summer 4 Session 2 83 - 86 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 3 | | |

| Term 5 86 - 104 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 315: Business Decision Models | 3 | C | |
| ★ SCM 345: Logistics Management | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| SOS 311: Future Thinking and Strategies | 3 | C | |
| SOS 320: Society and Sustainability (L or SB) | 3 | C | |
| Upper Division International Development and Sustainability Track - Required Course OR Upper Division Policy and Governance in Sustainable Systems Track - Required Course OR Upper Division Sustainable Urban Dynamics Track - Required Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 18 | | |

- Attend Career Fairs
- Apply for internships or create one
- Complete informational interviews

| Term 6 104 - 122 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 355: Supply Management (L) | 3 | C | |
| ★ SCM 432: Planning and Control Systems for Supply Chain Management | 3 | C | |
| ★ SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course | 3 | C | |
| ★ International Development and Sustainability Track - Elective OR Policy and Governance in Sustainable Systems Track - Elective OR Sustainable Urban Dynamics Track - Elective | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| SOS 310: Equity, Justice and Sustainability | 3 | C | |

| | | |
|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | |
| Term hours subtotal: | 18 | |

| Term 7 122 - 138 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 479: Supply Chain Strategy (L) | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480. |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 455: Research and Negotiation | 3 | C | |
| SOS 484: Capstone: Internship | 4 | B- | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 138 - 153 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | • Apply for full-time career opportunities |
| SOS 498: Pro-Seminar (L) | 3 | B- | |
| Upper Division International Development and Sustainability Track - Elective OR Upper Division Policy and Governance in Sustainable Systems Track - Elective OR Upper Division Sustainable Urban Dynamics Track - Elective | 3 | C | |
| SOS Upper Division Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) AND Historical Awareness (H) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 15 | | |

- Tracks available for the concurrent degree in Supply Chain Management and the BA in Sustainability:
  - Policy and Governance in Sustainable Systems
  - International Development and Sustainability
  - Sustainable Urban Dynamics

Students may choose any of the upper-division challenge area/track courses, but **must** complete at least the course that corresponds with the track they have chosen (e.g., if the Policy and Governance in Sustainable Systems track is chosen, students should choose SOS 321 and three other challenge area/track courses).

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | International Development and Sustainability Track | Policy and Governance in Sustainable Systems Track |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | Required Course: | Required Course: |
| | SOS 322: International Development and Sustainability | SOS 321: Policy and Governance in Sustainable Systems |

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

Electives:

AFR 340: The Making of Modern Africa (SB & G & H)

ALT 412: Village Energy Systems

ASB 100: Introduction to Global Health (SB & G)

FIS 337: Innovation and Global Development (G)

GCU 364: Energy in the Global Arena (SB & G)

GPH 314: Global Change (HU & G)

JUS 325: Globalization and Socio-Economic Justice (SB & G) or SGS 325: Globalization and Socio-Economic Justice (SB & G)

JUS 352: The Global Politics of Human Rights (SB & G)

POS 160: Global Politics (SB & G)

POS 368: Ethics and Human Rights

POS 486: International Political Economy (SB & G)

SBS 480: Global Justice (G)

SGS 301: Principles of Global Studies (G)

SGS 303: Global Trends (SB & G)

SOC 333: Population (SB & G)

STS 330: Information Technology and Globalization (SB & G)

STS 332: Global Issues in Science and Technology (SB)

TEM 450: Design for the Developing World

TEM 455: Global Impact Entrepreneurship

WST 378: Global Feminist Theory (L & G)

Electives:

AGB 414: Food and Agribusiness Policy Issues (L)

ABS 381: Natural Resources Policy

BIO 412: Conservation in Practice

ECN 441: Public Economics (SB)

GCU 361: Urban Geography (SB)

GPH 314: Global Change (HU & G)

HST 345: Environmental History (L)

JUS 332: Politics of Energy Policy and Justice

PAF 300: Public Management and Administration

PAF 340: Contemporary Policy Challenges

PHI 407: Environmental Philosophy and Policy (L or HU)

POS 160: Global Politics (SB & G)

POS 300: Contemporary Global Controversies (SB & G)

POS 346: Problems of Democracy (HU)

POS 351: Democratization (SB & G)

POS 364: National Security, Intelligence, and Terrorism (SB)

POS 368: Ethics and Human Rights

POS 410: Governing American Cities (SB)

PUP 301: Introduction to Urban Planning (L)

PUP 430: Transportation Planning and the Environment

SOS 371: Inequality and Sustainability

STS 325: Science, Technology, and Public Policy (SB)

TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)

Sustainable Urban Dynamics Track

Required Course:

SOS 323: Sustainable Urban Dynamics or SOS 465: Sustainable Urbanism

Electives:

ABS 260: Fundamentals of Sustainable Horticulture (SG)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

ABS 364: Urban Forestry

APH 300: World Architecture I/Western Cultures (HU & H & G)

ALA 100: Introduction to Environmental Design (HU & H & G)

ALA 102: Landscapes and Sustainability (HU & G)

ASB 442: Global Cities (SB & G) or SBS 460: Global Cities (SB & G)

CHE 469: Air Quality Engineering

GCU 359: Cities of the World I (SB & G & H)

GCU 361: Urban Geography (SB)

GCU 425: Geography of the Mexican American Borderland ((L or SB) & G)

GCU 442: Geographical Analysis of Transportation (SB)

PAF 220: Introduction to Urban America

PAF 240: Urban Policy (C)

PAF 305: Urban Governance

PAF 351: Urban and Metropolitan Studies

PAF 352: Urban Theory

POS 410: Governing American Cities (SB)

POS 464: Border Cities: Action Research on Globalization (SB & G)

PUP 200: Cities in Cinema (HU & H & G)

PUP 301: Introduction to Urban Planning (L)

PUP 363: History of Planning

PUP 410: Public Participation in Planning

PUP 430: Transportation Planning and the Environment

SBS 450: Topics in Local/Global (SB & G)

SOS 414: Urban and Environmental Health (SB) or ASM 414: Environmental Health (SB)

SOS 498: Designing a Living Building (L)

STS 325: Science, Technology, and Public Policy (SB)

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 153
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Supply Chain Management, BS

School/College: W. P. Carey School of Business
Location: Online, ASU Local@Los Angeles
BASCMBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement |
| WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Join a student club or organization<br>• Create your first college resume |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.<br>• Join the W. P. Carey mentorship programs<br>• Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| WPC 150: Business and Society | 3 | C | |
| Term hours subtotal: | 9.25 | | |

| Term 2 - B 25.25 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |

| | | |
|---|---|---|
| PSY course (SB) | 3 | |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources.<br>• Meet with your W. P. Carey Career Coach<br>• Attend W. P. Carey and ASU Career Fairs |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212 courses | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7.25 | | |

| Term 4 - A 47.50 - 54.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) | 3 | C | • Attend W. P. Carey and ASU career fairs<br>• Apply for internships or create one |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 54.50 - 63.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 300: Global Supply Operations | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| General Studies Elective | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 63.50 - 69.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 315: Business Decision Models | 3 | C | • Meet with your W. P. Carey Career Coach<br>• Update your resume |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 69.75 - 78.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 345: Logistics Management | 3 | C | • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 78.75 - 84.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 355: Supply Management (L) | 3 | C | • Complete informational interviews |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 84.75 - 93.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 432: Planning and Control Systems for Supply Chain Management | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 93.75 - 101.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 455: Research and Negotiation | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480<br>• Attend W. P. Carey and ASU Career Fairs |
| Upper Division Elective | 2 | | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 8 | | |

| Term 7 - B 101.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 479: Supply Chain Strategy (L) | 3 | C | • Gather professional references<br>• Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| ★ Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND SCM 463 or International Business Course (G) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 107.75 - 114.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 448: Senior Career Transition Management | 0.25 | C | • Apply for full-time career opportunities |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | WPC 480: W. P. Carey Capstone Course (L) | 3 | C |
| | Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| | Term hours subtotal: | 6 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one (3 credit hours) |
|---|
| AGB 302: International Management and Agribusiness (G) |
| ECN 306: Survey of International Economics (SB & G) |
| MGT 302: Principles of International Business (G) |
| MKT 425: Global Marketing Management (G) |

| General Studies Electives |
|---|
| BIO 320: Fundamentals of Ecology |
| COM 207: Introduction to Communication Inquiry |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| ENG 210: Introduction to Creative Writing |
| ENG 310: Intermediate Creative Writing |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| ROM 101: Elementary Romanian Language and Culture I |
| SPA 101: Elementary Spanish I |
| SPA 102: Elementary Spanish II |
| WPC 150: Business and Society |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Architectural Studies - Cross-Disciplinary Focus, BSD

School/College: Herberger Institute for Design and the Arts
Location:
ARSTDBSD

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DSC 100: ASU Design Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors take DSC 100 to fulfill this requirement.<br>• Join a student club or professional organization. |
| ARC 101: Architecture Project I | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| ARC OR ALA course (HU) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 101: Architecture Project I | 3 | C | • Students must complete ARC 101 in Term 1 and again in Term 2. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ARC OR ALA course (HU and G and H) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 201: Architecture Project III | 3 | C | • Develop your professional online presence |
| ARC OR ALA course (CS) | 3 | C | |
| ARC OR APH OR ATE Elective | 3 | C | |
| Natural Science - Quantitative (SQ) ( CON 106 OR PHY 101 recommended) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 201: Architecture Project III | 3 | C | • Complete an in person or virtual practice interview.<br>• Students must complete ARC 201 in Term 3 and again in Term 4. |
| ARC OR APH course (L) | 3 | C | |
| ARC OR APH OR ATE Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 301: Architecture Project V | 3 | C | • Develop your skills. |
| ARC OR APH course (L) Upper Division | 3 | C | |
| ARC OR APH OR ATE Upper Division Elective | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 301: Architecture Project V | 3 | C | • Students must complete ARC 301 in Term 5 and again in Term 6.<br>• Students will have an advising hold requiring them to complete a Graduation Planning appointment with their advisor during Term 6. During this advising appointment, students and advisors will discuss which Focus option they will be completing during their final year in the program. Students intending to pursue professional licensure as a registered architect must declare their interest in pursuing the Professional Focus (3.00 minimum GPA required) to their advisor. |
| ARC OR APH course (HU) Upper Division | 3 | C | |
| ARC OR APH OR ATE Upper Division Elective | 3 | C | |
| ARC OR APH OR ATE Upper Division Elective OR ARC 484: Internship | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Design Elective | 6 | C | • Gather professional references.<br>• This list of courses reflects the Cross-Disciplinary Focus (no minimum requirements). Students intending to pursue professional licensure as a registered architect must declare their interest in pursuing the Professional Focus (3.00 minimum GPA required) to their advisor. Students should consult with their advisor if they have any questions about the Focus options. |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Design Elective | 6 | C | • This list of courses reflects the Cross-Disciplinary Focus (no minimum requirements). Students intending to pursue |
| *Complete 2 courses:* | | | |

| | | |
|---|---|---|
| Upper Division Elective | 6 | |
| Term hours subtotal: | 12 | |

professional licensure as a registered architect must declare their interest in pursuing the Professional Focus (3.00 minimum GPA required) to their advisor. Students should consult with their advisor if they have any questions about the Focus options.

Hide Course List(s)/Track Group(s)

Design Electives (12 credits)

APH OR ATE OR CON OR DSC OR EDS OR GRA OR IND OR INT OR LAP OR LPH
Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Architectural Studies - Professional Focus, BSD

School/College: Herberger Institute for Design and the Arts
Location:
ARSTDBSD

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DSC 100: ASU Design Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors take DSC 100 to fulfill this requirement.<br>• Join a student club or professional organization |
| ARC 101: Architecture Project I | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| ARC OR ALA course (HU) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 101: Architecture Project I | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ARC OR ALA course (HU and G and H) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.75 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 201: Architecture Project III | 3 | C | • Develop your professional online presence |
| ARC OR ALA course (CS) | 3 | C | |
| ARC OR APH OR ATE Elective | 3 | C | |
| Natural Science - Quantitative (SQ) ( CON 106 OR PHY 101 recommended) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Minimum 3.00 GPA ASU Cumulative. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 201: Architecture Project III | 3 | C | • Complete an in person or virtual practice interview |
| ARC OR APH course (L) | 3 | C | |
| ARC OR APH OR ATE Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 301: Architecture Project V | 3 | C | • Develop your skills |
| ARC OR APH course (L) Upper Division | 3 | C | |
| ARC OR APH OR ATE Upper Division Elective | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 301: Architecture Project V | 3 | C | |
| ARC OR APH course (HU) Upper Division | 3 | C | |
| ARC OR APH OR ATE Upper Division Elective | 3 | C | |
| ARC OR APH OR ATE Upper Division Elective OR ARC 484: Internship | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 401: Architecture Studio I | 6 | C | • Gather professional references |
| ARC 421: Architecture Technology I | 3 | C | |
| ARC 441: Architecture Representation | 3 | C | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARC 402: Architecture Studio II | 6 | C | |

| | | |
|---|---|---|
| ARC 422: Architecture Technology II | 3 | C |
| ARC 432: Architecture History | 3 | C |
| Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 12 | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Animation), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIARTANBFA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors only<br>• Select your career interest communities and play me3@ASU. |
| ART 111: Foundation Drawing | 3 | C | |
| ART 116: Introduction to Digital Media | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 112: 2-D Design | 3 | C | • Join a student club or professional organization. |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ART 115: 3-D Design | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 217: Introduction to Computer Animation | 3 | C | • Network in your career interest area. |
| 2D Art Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 240: Encounters with Contemporary Art | 3 | C | • ARA 240: Encounters with Contemporary Art is required for BFA majors; course only offered in spring.<br>• Explore an internship. |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| 3D Art Course | 3 | C | |
| Lower Division Animation Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 346: 3-D Computer Imaging and Animation (CS) | 3 | C | • Art students cannot take ARA 311 or ARS 300.<br>• Use Handshake to research employment opportunities. |
| ARS 445: History of Animation | 3 | C | |
| ART 417: Storyboarding and Narrative Sequencing | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 348: Animation Motion Studies | 3 | C | • Art students cannot take ARA 311 or ARS 300. |
| ARA 396: Professional Practices for Design and the Arts | 3 | C | |
| ART 308: 2D Digital Animation | 3 | C | |
| Upper Division Animation Elective (ART prefix only) | 3 | C | |
| ARS Upper Division Elective | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 461: Animation Capstone | 3 | C | • Art Upper Division Elective course cannot be ARA 311 or ARS 300.<br>• Gather professional references. |
| Upper Division Animation Elective | 3 | C | |
| ARS course (HU) Upper Division | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 482: Senior Exhibitions/Portfolio | 3 | C | • Art students cannot take ARA 311 or ARS 300.<br>• Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio. |
| *Complete 2 courses:*<br>Upper Division Animation Elective | 6 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| 2D Art Course |
| --- |
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 206: Digital Photography I |
| ART 207: Digital Photography II |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 253: Introduction to Printmaking |
| FSH 203: Fashion Illustration |

| 3D Art Course |
| --- |
| ART 216: Intermedia Practices |
| ART 218: 3D Tools |
| ART 231: Sculpture I |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |

| Lower Division Animation Electives |
| --- |
| AME 130: Prototyping Dreams (L) |
| AME 210: Media Editing |
| AME 230: Programming for the Media Arts (CS) |
| AME 244: Introduction to Interactive Environments |
| ARA 202: Understanding Photographs |
| ART 206: Digital Photography I |
| ART 207: Digital Photography II |
| ART 211: Drawing |
| ART 216: Intermedia Practices |
| ART 218: 3D Tools |
| ART 244: Introduction to Interactive Environments |
| CPI 111: Game Development I (CS) |
| CPI 211: Game Development II |
| FMP 201: Film: The Creative Process I (HU) |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |
| FMP 255: Media Authorship (CS) |
| FMP 261: Principles of Screenwriting |
| FMP 280: Introduction to Film and Media Production |
| FMS 100: Introduction to Film and Media Studies (HU) |
| FMS 110: Introduction to New Media (HU) |
| FMS 209: Screenwriting Fundamentals |
| GIT 211: Introduction to Video Game Art |

| Upper Division Animation Elective |
| --- |
| AME 330: Digital-Physical Systems |
| AME 410: Interactive Materials |
| AME 444: Media Installations |
| AME 494: Animating Virtual Worlds |

ARA 309: Photography Now

ART 300: Photo Editing: Narrative/Non-Narrative

ART 311: Intermediate Drawing

ART 312: Illustration

ART 314: Intermediate Figure Drawing

ART 317: Advanced Digital Photography

ART 323: Intermediate Painting

ART 325: Figure Painting

ART 331: Sculpture II

ART 332: Sculpture III

ART 394: 3D Visual Effects

ART 394: Fantasy Figure Foam Carving

ART 411: Drawing IV

ART 424: Stop Motion Animation

ART 428: Video and Sound as Sculptural Materials

ART 438: Moving and Interactive Systems in Sculpture

ART 439: Intermedia Studio

ART 440: Experimental Video Art

ART 449: Computer Animation and Video

ART 494: Time, Narrative & the Multiple

ART 494: Visual Prototyping

ART 494: Women/Art/Technology

CPI 311: Game Engine Development

CPI 321: Fundamentals of Game Art

CPI 411: Graphics for Games

CPI 421: 3-D Modeling and Texturing

FMP 325: Guerilla VFX

FMS 351: Emerging Digital Media

FMS 354: Critical Studies in Animation

FMS 394: Writing for Video Games

FMS 409: Advanced Screenwriting

FMS 442: Experimental Narrative (HU)

FMS 494: Contemporary Television and New Media

GIT 312: 3-D Computer Graphics Modeling and Representation (CS)

GIT 411: Computer Animation

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Art Education), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTEBFA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors only<br>• Select your Career Interest Communities and play me3@ASU. |
| *Complete 2 courses:* ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color OR ART 115: 3-D Design | 6 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color OR ART 115: 3-D Design | 6 | C | • Teachers College requirement: SPE 222 (SB) required for students pursuing K-12 certification.<br>• Join a student club or professional organization |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARE 250: Teaching Inquiry in Art | 3 | B- | • Minimum grade of B- or better in ARE 250 is required.<br>• Teachers College requirement: GCU 113 is recommended for students seeking teacher certification since it |
| 2D Art Course | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |

| | | |
|---|---|---|
| Social-Behavioral Sciences (SB) OR GCU 113: United States and Arizona Social Studies (SB & H) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

meets the US and AZ constitution requirement for teachers.

- Professional connections -- join the ASU Mentor Network

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| 2D or 3D Art Course | 3 | C |
| 3D Art Course | 3 | C |
| Literacy and Critical Inquiry (L) AND Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Upper Division Elective | 3 | |
| Complete Natural Science - Quantitative (SQ) OR Natural Science - General (SG) course(s). (Teachers College requirement) | | |
| Term hours subtotal: | 16 | |

- Teachers College requirement: Apply for Identity Verified Print (IVP) DPS fingerprint card.
- Develop your skills
- Create a first draft resume

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| ARE 370: Teaching Visual Culture | 3 | C |
| ARE 446: Multicultural Issues in Art Education | 3 | C |
| *Complete 2 courses:* Art Education Proficiency Course | 6 | C |
| Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Students must complete 6 hours of upper division ARS coursework (not from ARS 300). Must include one Asian/African/Native Am./Latin Am. Focus and one Modern Focus course.
- Teachers College requirement: Complete the Intent to Progress form. Need a 2.5 ASU GPA is order to apply (meet with major advisor to complete this form).
- Teachers College requirement: Submit copy of IVP DPS fingerprint clearance card to Teachers College or upload copy to Intent to Progress form.
- Teachers College requirement: Attend Teachers College Enrollment Workshop if pursuing K-12 certification.
- Use Handshake to research employment opportunities

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| ARE 482: Teaching Art Processes | 3 | C |
| Art Education Proficiency Course | 3 | C |
| Upper Division Art History Modern Focus | 3 | C |
| Upper Division Humanities, Arts and Design (HU) | 3 | |
| Upper Division Elective | 3 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |

- Students must complete 6 hours of upper division ARS coursework (not from ARS 300). Must include one Asian/African/Native Am./Latin Am. Focus and one Modern course.

| | | |
|---|---|---|
| Term hours subtotal: | 15 | |

- Teachers College requirement: Students pursuing K-12 certification should meet with major advisor to discuss the remaining certification requirements and to properly plan their electives.

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ARE 486: Art Education: Strategies and Applications | 3 | C | |
| *Complete 2 courses:* Upper Division Art Education Proficiency Course | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR TEL 315: Child and Adolescent Development (L or SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Teachers College requirement: TEL 315 required for students pursuing K-12 certification.
- Teachers College requirement: Students pursuing K-12 certification should meet with major advisor to discuss the remaining certification requirements and to properly plan their electives.
- Teachers College requirement: Students pursuing K-12 certification will enroll in an internship course (SED 398) and be expected to complete 75 hrs over 12 weeks in a K-12th grade classroom. Reliable transportation is required to get to school sites.
- Gather professional references

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ARE 496: Methods and Assessment of Learning in Art | 3 | C | |
| *Complete 2 courses:* Upper Division Art Education Proficiency Course | 6 | C | |
| Upper Division Elective OR BLE 407: SEI for Secondary Students (L) | 3 | | |
| Term hours subtotal: | 12 | | |

- Teacher College requirement: Students pursuing K-12 certification should meet with major advisor to discuss the remaining certification requirements and to properly plan their electives.
- Teachers College requirement: Students pursuing K-12 certification will enroll in an internship course (SED 496) and be expected to complete 75 hrs over 12 weeks in a K-12th grade classroom. Reliable transportation is required to get to school sites.
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|---|
| 2D Art Course | 3D Art Course | 2D or 3D Art Course |

ART 201: Photography I (HU)

ART 204: Photography II: Black and White

ART 205: Photography II: Color

ART 211: Drawing

ART 214: Figure Drawing

ART 223: Painting

ART 227: Watercolor

ART 253: Introduction to Printmaking

FSH 203: Fashion Illustration

ART 216: Intermedia Practices

ART 217: Introduction to Computer Animation

ART 218: 3D Tools

ART 231: Sculpture I

ART 261: Ceramic Survey

ART 272: Introduction to Metals and Jewelry

ART 274: Wood I

ART 276: Introduction to Textiles

FSH 202: Fashion Construction

ART 201: Photography I (HU)

ART 204: Photography II: Black and White

ART 205: Photography II: Color

ART 211: Drawing

ART 214: Figure Drawing

ART 216: Intermedia Practices

ART 217: Introduction to Computer Animation

ART 218: 3D Tools

ART 223: Painting

ART 227: Watercolor

ART 231: Sculpture I

ART 253: Introduction to Printmaking

ART 261: Ceramic Survey

ART 272: Introduction to Metals and Jewelry

ART 274: Wood I

ART 276: Introduction to Textiles

FSH 202: Fashion Construction

FSH 203: Fashion Illustration

Art History Asian/African/Native Am./Latin Am. Focus

ARS 362: Survey of Aztec, Maya and Inka Art (HU)

ARS 369: Mexican Art (HU)

ARS 394: Anime

ARS 394: Egyptian Art and Culture

ARS 394: Islamic Art

ARS 394: Modern and Contemporary Chinese Art

ARS 402: Art of Ancient Egypt (HU & H)

ARS 444: Films of India

ARS 465: Native Art of North America (HU & C & H)

ARS 472: Art of China (HU)

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

Art History Modern Focus

ARS 330: The Portrait (HU)

ARS 340: Art in America (HU & H)

ARS 345: Art and Television

ARS 370: The Art of the Comic

ARS 394: Modern and Contemporary Chinese Art

ARS 435: The Pre-Raphaelites

ARS 438: Art of the 20th Century I (HU & H)

ARS 439: Art of the 20th Century II (HU & H)

ARS 440: Identity and World Film (C)

ARS 443: Artists in Film: Artists' Biopics

ARS 445: History of Animation

ARS 485: Women in the Visual Arts (L)

Art Education Proficiency Courses (Requires approval; see Note in term 4)

ARA Elective

ARE Elective

ARS Elective

ART Elective

ARS 494: Global Textiles and Fashion

ARS 494: Histories of African Art and Visual Culture

ARS 494: Oceanic Art

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Art History), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTHBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your Career Interest Communities and play me3@ASU. |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV . | 4 | C | |
| Mathematics (MA) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | • Join a student club or professional organization. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV . | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU) | 3 | C | • ARS Elective cannot be ARS 100 or ARS 300. |

| | | | |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV . | 4 | C | • Build your professional connections -- join the ASU Mentor Network |
| ARS Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| **Term 4 43 - 59 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU) | 3 | C | • Create a first draft resume.<br>• Explore an internship. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV . | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:*<br>Elective | 5 | | |
| Term hours subtotal: | 16 | | |

| **Term 5 59 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Art History Asian/African/Native Am./Latin Am. | 3 | C | • Art Elective cannot be ARA 311.<br>• Use Handshake to research employment opportunities. |
| Upper Division Art History Renaissance/Baroque Focus | 3 | C | |
| ARA OR ARE OR APH OR ART Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Art History Ancient/Medieval Focus | 3 | C | • Art Elective cannot be ARA 311. |
| Upper Division Art History Modern Focus | 3 | C | |
| ARA OR ARE OR APH OR ART Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ARS 480: Research Methods (L) | 3 | C | • Art Elective cannot be ARA 311.<br>• ARS elective cannot be ARS 300.<br>• Gather professional references. |
| ARS Upper Division Elective | 3 | C | |
| ARA OR ARE OR APH OR ART Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ARS 498: Pro-Seminar (L) | 3 | C | • ARS elective cannot be ARS 300.<br>• ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project.<br>• Apply for full-time career opportunities. |
| ARS course (HU) Upper Division | 3 | C | |
| ARS Upper Division Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Art History Ancient/Medieval Focus | Art History Modern Focus | Art History Renaissance/Baroque Focus |
|---|---|---|
| ARS 394: Art and Myth in Ancient Greece | ARS 330: The Portrait (HU) | ARS 310: The Renaissance in Tuscany |
| ARS 394: Egyptian Art and Culture | ARS 340: Art in America (HU & H) | ARS 330: The Portrait (HU) |
| ARS 394: Islamic Art | ARS 345: Art and Television | ARS 394: Art of Italian Renaissance |
| ARS 394: Medieval Art: Cross-Cultural Perspectives | ARS 370: The Art of the Comic | ARS 418: German Renaissance and Reformation Art (HU) |
| ARS 402: Art of Ancient Egypt (HU & H) | ARS 394: 18th & 19th Century European Jewelry Design | ARS 422: Italian High Renaissance Art and Mannerism (HU) |
| ARS 404: Greek Art (HU & H) | ARS 394: 20th Century American & European Jewelry Design | ARS 424: Italian Baroque Art (HU & H) |
| ARS 406: Roman Art (HU & H) | ARS 394: Anime | ARS 498: Pro-Seminar (L) |
| ARS 414: Monasteries, Madonnas and Manuscripts (HU & H) | ARS 394: Modern and Contemporary Chinese Art | ARS 498: The Renaissance Book: Graphics (L) |
| ARS 498: Greek Sculpture: Geometric through Hellenistic (L) | ARS 435: The Pre-Raphaelites | |
| ARS 498: Pompeii & Herculaneum (L) | ARS 438: Art of the 20th Century I (HU & H) | |
| ARS 498: Pro-Seminar (L) | ARS 439: Art of the 20th Century II (HU & H) | |
| ARS 498: Tutankahmen & His Times (L) | ARS 440: Identity and World Film (C) | |
| | ARS 443: Artists in Film: Artists' Biopics | |
| | ARS 445: History of Animation | |
| | ARS 485: Women in the Visual Arts (L) | |
| | ARS 498: Art and Money (L) | |
| | ARS 498: Art & Technology (L) | |
| | ARS 498: Contemporary Art of Asia (L) | |
| | ARS 498: Fakes and Forgeries in Art (L) | |
| | ARS 498: New Woman Artist 1900-1945 (L) | |
| | ARS 498: Pro-Seminar (L) | |
| | ARS 498: Self, Trauma, and Affect in Art (L) | |
| | ARS 498: Surrealism & Ethnography (L) | |

ARS 498: Theories Modern Sculpture (L)

ARS 498: Visual Culture Studies (L)

| Art History Asian/African/Native Am./Latin Am. Focus |
| --- |
| ARS 362: Survey of Aztec, Maya and Inka Art (HU) |
| ARS 369: Mexican Art (HU) |
| ARS 394: Anime |
| ARS 394: Egyptian Art and Culture |
| ARS 394: Islamic Art |
| ARS 394: Modern and Contemporary Chinese Art |
| ARS 402: Art of Ancient Egypt (HU & H) |
| ARS 444: Films of India |
| ARS 465: Native Art of North America (HU & C & H) |
| ARS 472: Art of China (HU) |
| ARS 473: Art of Japan (HU) |
| ARS 475: Chinese Painting (HU) |
| ARS 494: Art of the Inka and their Ancestors |
| ARS 494: Global Textiles and Fashion |
| ARS 494: Histories of African Art and Visual Culture |
| ARS 494: Oceanic Art |
| ARS 498: Contemporary Art of Asia (L) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total Community College Hrs:** 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Art History), BA

School/College: Herberger Institute for Design and the Arts
Location: Online, ASU Local@Los Angeles
FAARTHBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. |
| ASU 101-HDA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | • View ASU Online first-year student registration information here.<br>• Play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU) | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU) | 3 | C | • Think about joining a club or civic group in your area of career interest. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language. | 4 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| ARS Upper Division Elective | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 32 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language. | 4 | C | • Career steps: Shadow someone in the job/career you are considering. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 39 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA OR ARE OR APH OR ART Elective | 3 | C | |
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 46 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language. | 4 | C | • Create a first draft resume |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 53 - 60 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 60 - 66 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Art History Ancient/Medieval Focus | 3 | C | • Explore internships in your area |
| ARA OR ARE OR APH OR ART Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 66 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Art History Renaissance/Baroque Focus | 3 | C | |
| ARS Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 79 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Upper Division Art History Modern Focus | 3 | C | • Use Handshake to research employment opportunities |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 7 - A 79 - 85 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 85 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ARA OR ARE OR APH OR ART Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ARS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 97 - 103 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 103 - 109 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS course (HU) Upper Division | 3 | C | • Gather professional references |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 109 - 115 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ARS 480: Research Methods (L) | 3 | C | • Apply for full-time career opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 115 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ARS 498: Pro-Seminar (L) | 3 | C | • ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project. |
| Elective | 2 | | |
| Term hours subtotal: | 5 | | |

Hide Course List(s)/Track Group(s)

| Art History Ancient/Medieval Focus |
| --- |
| ARS 394: Art and Myth in Ancient Greece |
| ARS 394: Egyptian Art and Culture |
| ARS 394: Islamic Art |
| ARS 402: Art of Ancient Egypt (HU & H) |
| ARS 498: Greek Sculpture: Geometric through Hellenistic (L) |

| Art History Modern Focus |
| --- |
| ARS 340: Art in America (HU & H) |
| ARS 345: Art and Television |
| ARS 370: The Art of the Comic |
| ARS 394: 18th & 19th Century European Jewelry Design |
| ARS 394: 20th Century American & European Jewelry Design |
| ARS 394: Modern and Contemporary Chinese Art |
| ARS 435: The Pre-Raphaelites |
| ARS 438: Art of the 20th Century I (HU & H) |
| ARS 440: Identity and World Film (C) |
| ARS 485: Women in the Visual Arts (L) |
| ARS 498: Contemporary Art of Asia (L) |

| Art History Renaissance/Baroque Focus |
| --- |
| ARS 330: The Portrait (HU) |
| ARS 394: Art of Italian Renaissance |
| ARS 498: The Renaissance Book: Graphics (L) |

| Art History Asian/African/Native Am./Latin Am. Focus |
| --- |
| ARS 369: Mexican Art (HU) |
| ARS 394: Anime |
| ARS 394: Islamic Art |
| ARS 394: Modern and Contemporary Chinese Art |
| ARS 472: Art of China (HU) |
| ARS 473: Art of Japan (HU) |
| ARS 494: Global Textiles and Fashion |
| ARS 494: Histories of African Art and Visual Culture |
| ARS 494: Oceanic Art |
| ARS 498: Contemporary Art of Asia (L) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Art Studies), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTSTDBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors only.<br>• Select your Career Interest Communities and play me3@ASU. |
| *Complete 2 courses:*<br>ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media OR ART 115: 3-D Design | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | • Students should complete either ART 113 or 116, not both.<br>• ART 113 is a prerequisite to painting and watercolor classes.<br>• Join a student club or professional organization |
| *Complete 2 courses:*<br>ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media OR ART 115: 3-D Design | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 2D Art Course | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| 3D Art Course | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* 2D or 3D Art Course | 6 | C | • ARA 240: Encounters with Contemporary Art is required for Art majors; course is only offered in spring.<br>• Create a first draft resume<br>• Explore an internship |
| ARA 240: Encounters with Contemporary Art | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | • Art Elective course cannot be ARA 311, ARS 100 or ARS 300.<br>• Work with academic advisor to develop performing arts and history of performance and related studies coursework plan.<br>• Use Handshake to research employment opportunities |
| Performing Arts Elective | 3 | C | |
| Upper Division Related Studies Elective | 3 | C | |
| ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| ARS Upper Division Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Performing Arts Elective | 3 | C | • Art Upper Division Elective course cannot be ARA 311 or ARS 300. |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Upper Division Related Studies Elective | 3 | C | |
| Upper Division Elective OR ART 484: Internship | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Studies Elective | 3 | C | • Art Upper Division Elective course cannot be ARA 311 or ARS 300.<br>• Gather professional references |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Upper Division Performing Arts Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | • Art Upper Division Elective course cannot be ARA 311 or ARS 300.<br>• Apply for full-time career opportunities |
| Upper Division Performing Arts Elective | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

| 2D Art Course |
| --- |
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 253: Introduction to Printmaking |
| FSH 203: Fashion Illustration |

| 3D Art Course |
| --- |
| ART 216: Intermedia Practices |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 231: Sculpture I |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |

| 2D or 3D Art Course |
| --- |
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 216: Intermedia Practices |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 231: Sculpture I |
| ART 253: Introduction to Printmaking |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |
| FSH 203: Fashion Illustration |

| Performing Arts Electives |
| --- |
| DCE Elective |
| FMP Elective |
| MHL Elective |
| MTC Elective |
| MUE Elective |
| MUP Elective |
| MUS Elective |
| THE Elective |
| THF Elective |
| THP Elective |

| Upper Division Related Studies Electives |
| --- |
| Choose a course related to art outside of the School of Art from the subjects below: |
| AFR Upper Division Elective |
| AIS Upper Division Elective |
| APA Upper Division Elective |
| ASB Upper Division Elective |
| FMS Upper Division Elective |
| HST Upper Division Elective |
| REL Upper Division Elective |
| TCL Upper Division Elective |
| WST Upper Division Elective |

| |
|---|
| Upper Division Humanities, Arts and Design (HU) |
| Upper Division Literacy and Critical Inquiry (L) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Ceramics), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTCBFA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors only.<br>• Select your Career Interest Communities and play me3@ASU. |
| ART 112: 2-D Design | 3 | C | |
| ART 115: 3-D Design | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 111: Foundation Drawing OR ART 113: Color OR ART 261: Ceramic Survey | 6 | C | • Join a student club or professional organization. |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 2D Art Course | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| ART 111: Foundation Drawing OR ART 113: Color OR ART 261: Ceramic Survey | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 2D or 3D Art Course | 3 | C | • ARA 240: Encounters with Contemporary Art is required for BFA majors.<br>• Gather documentation of your past work for future portfolio.<br>• Explore internships. |
| 3D Art Course | 3 | C | |
| ARA 240: Encounters with Contemporary Art | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 360: Ceramic Throwing | 3 | C | • Students must complete six hours of upper division ARS coursework (not from ARS 300); must include one Asian/African/Native Am./Latin Am. Focus course and one Modern or Contemporary Focus course.<br>• Use Handshake to research employment opportunities. |
| ART 364: Ceramic Handbuilding I | 3 | C | |
| Upper Division Art History Modern Focus | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 466: Special Problems in Ceramics | 3 | C | • ART 460 is only offered during odd numbered Fall semesters; ART 463 is only offered during even numbered Spring semesters. Please meet with an academic advisor for scheduling information.<br>• Art Elective course cannot be ARA 311, ARS 100 or ARS 300. |
| ART 460: Ceramic Clay OR ART 463: Ceramic Glaze | 3 | C | |
| Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 396: Professional Practices for Design and the Arts | 3 | C | • Art Upper Division Elective courses cannot be ARA 311 or ARS 300.<br>• Gather professional references. |
| *Complete 2 courses:*<br>Upper Division Ceramics Art Elective | 6 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 482: Senior Exhibitions/Portfolio | 3 | C | • Art Upper Division Elective courses cannot be ARA 311 or ARS 300.<br>• Complete ART 482 Senior Exhibitions/Portfolio and finalize your portfolio. |
| Upper Division Ceramics Art Elective | 3 | C | |
| *Complete 2 courses:*<br>ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 6 | C | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| 2D Art Course |
| --- |
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 253: Introduction to Printmaking |
| FSH 203: Fashion Illustration |

| 3D Art Course |
| --- |
| ART 216: Intermedia Practices |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 231: Sculpture I |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |

| 2D or 3D Art Course |
| --- |
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 216: Intermedia Practices |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 231: Sculpture I |
| ART 253: Introduction to Printmaking |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |
| FSH 203: Fashion Illustration |

| Upper Division Ceramics Art Elective |
| --- |
| ART 365: Ceramic Handbuilding II |
| ART 394: Altered Vessels |
| ART 394: Ceramics |
| ART 394: Clay on the Wall: Installing Ceramic Art |
| ART 394: Slipcasting |
| ART 460: Ceramic Clay |
| ART 463: Ceramic Glaze |
| ART 466: Special Problems in Ceramics |
| ART 494: Advanced Slipcasting |
| ART 494: Art and Science |
| ART 494: Art on the Wall: Installing Ceramic Art |
| ART 494: Ceramic Design |

| Art History Asian/African/Native Am./Latin Am. Focus |
| --- |
| ARS 362: Survey of Aztec, Maya and Inka Art (HU) |
| ARS 369: Mexican Art (HU) |
| ARS 394: Anime |
| ARS 394: Egyptian Art and Culture |
| ARS 394: Islamic Art |
| ARS 394: Modern and Contemporary Chinese Art |
| ARS 402: Art of Ancient Egypt (HU & H) |
| ARS 444: Films of India |
| ARS 465: Native Art of North America (HU & C & H) |
| ARS 472: Art of China (HU) |

| Art History Modern Focus |
| --- |
| ARS 330: The Portrait (HU) |
| ARS 340: Art in America (HU & H) |
| ARS 345: Art and Television |
| ARS 370: The Art of the Comic |
| ARS 394: Modern and Contemporary Chinese Art |
| ARS 435: The Pre-Raphaelites |
| ARS 438: Art of the 20th Century I (HU & H) |
| ARS 439: Art of the 20th Century II (HU & H) |
| ARS 440: Identity and World Film (C) |
| ARS 443: Artists in Film: Artists' Biopics |
| ARS 445: History of Animation |
| ARS 485: Women in the Visual Arts (L) |

ART 494: Ceramic Tableware Design

ART 494: China Painting

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Histories of African Art and Visual Culture

ARS 494: Oceanic Art

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Digital Photography), BFA

School/College: Herberger Institute for Design and the Arts
Location: Online, ASU Local@Los Angeles
HIARTDPBFA

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 206: Digital Photography I | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-HDA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 207: Digital Photography II | 3 | C | • View ASU Online first-year student registration information here.<br>• Select your Career Interest Communities and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Complete ART 206 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | • Career planning tip: Think about joining a club or civic group in your area of career interest. |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 250: History of Photography (HU) | 3 | C | |

| | | |
|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Term hours subtotal: | 6 | |

| Term 3 - B 31 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | • Career steps: Shadow someone in the job/career you are considering. |
| FMS 110: Introduction to New Media (HU) OR ART 116: Introduction to Digital Media | 3 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 37 - 43 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 309: Photography Now | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 43 - 50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Career tip: Gather documentation of your past work for a future portfolio. Explore internship opportunities in your area. |
| Elective | 3 | | |
| Complete ARS 101 AND ARS 102 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 50 - 56 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 317: Advanced Digital Photography | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 56 - 62 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Photography Elective | 3 | C | • Visit Career Services for career advising, webinars, career postings and a Career Guide.<br>• The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 62 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area | 3 | C | |
| Elective | 3 | | |

| | | | |
|---|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Photography Elective | 3 | C | • Visit Career Services for career advising, webinars, career postings and a Career Guide.<br>• The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406. |
| Upper Division Related Area | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Photography Elective | 3 | C | • The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Photography Elective | 3 | C | • Gather professional references.<br>• The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division ARS Modern Focus | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Photography Elective | 3 | C | • The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406.<br>• Begin planning for your Photography Capstone by talking with your faculty. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) ( MCO 450 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Photography Elective | 3 | C | • The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ART 407: Digital Photography Capstone | 3 | C | |
| Upper Division Related Area | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Photography Elective |
|---|
| ART 300: Photo Editing: Narrative/Non-Narrative |
| ART 302: The Still and Moving Image: Digital Photography and Video |
| ART 394: Art and Activism |
| ART 394: Death and Photography |
| ART 394: Sick Pictures: Photography and Illness |
| ART 400: The Photobook |
| ART 402: Traditional Genres in Photography |
| ART 406: New Genres in Digital Photography |
| ART 412: Advanced Techniques in Digital Photography |
| ART 494: Art and Censorship |
| ART 494: Traditional Genres: Photographing Place and Space |

| Related Area Course |
|---|
| ARA 489: Writing Art and Design Criticism (L) |
| FMS 351: Emerging Digital Media |
| MCO 307: The Digital Audience |
| MCO 335: Social Media |
| MCO 425: Digital Media Literacy I |
| MCO 450: Visual Communication (HU) |
| MCO 460: Race, Gender, and Media (C) |
| MCO 473: Sex, Love, and Romance in the Mass Media (SB) |

| Upper Division ARS Modern Focus |
|---|
| ARS 330: The Portrait (HU) |
| ARS 340: Art in America (HU & H) |
| ARS 345: Art and Television |
| ARS 370: The Art of the Comic |
| ARS 394: Anime |
| ARS 438: Art of the 20th Century I (HU & H) |
| ARS 445: History of Animation |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Intermedia), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTIBFA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors only.<br>• Select your career interest communities and play me3@ASU. |
| ART 111: Foundation Drawing | 3 | C | |
| ART 116: Introduction to Digital Media | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* ART 112: 2-D Design OR ART 115: 3-D Design OR ART 216: Intermedia Practices | 6 | C | • ART 216 recommended for Intermedia majors in term 2 and must be completed by term 3.<br>• Join a student club or professional organization. |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 112: 2-D Design OR ART 115: 3-D Design OR ART 216: Intermedia Practices | 3 | C | • ART 216 recommended for Intermedia majors in term 2 and must be completed by term 3.<br>• Build your professional connections -- join the ASU Mentor Network |
| 2D Art Course | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 2D or 3D Art Course | 3 | C | • ARA 240: Encounters with Contemporary Art is required for BFA majors.<br>• Gather documentation of your past work for your future portfolio.<br>• Explore an internship. |
| 3D Art Course | 3 | C | |
| ARA 240: Encounters with Contemporary Art | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 330: Issues in Intermedia | 3 | C | • ARS Upper Division Elective cannot be ARS 300.<br>• Art Upper Division Elective course cannot be ARA 311 or ARS 300.<br>• Use Handshake to research employment opportunities. |
| Upper Division Intermedia Elective | 3 | C | |
| ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 439: Intermedia Studio | 3 | C | • ART 439: Intermedia Studio is only offered in the spring semester. |
| ART 443: Intermedia Performance | 3 | C | |
| ART 440: Experimental Video Art | 3 | C | |
| Upper Division Art History Modern Focus | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 396: Professional Practices for Design and the Arts | 3 | C | • ARS Upper Division Elective cannot be ARS 300.<br>• Art Upper Division Elective course cannot be ARA 311 or ARS 300.<br>• Gather professional references. |
| Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Intermedia Elective | 6 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 482: Senior Exhibitions/Portfolio | 3 | C | • Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio. |
| Upper Division Intermedia Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 1 | C | |

| | | |
|---|---|---|
| Elective | 2 | |
| Term hours subtotal: | 12 | |

- Students must complete 9 hours of ARS coursework (not from ARS 100 or 300); these must include 6 upper division hours, one Asian/African/Native Am./Latin Am. Focus course, and one 20th Century Focus course. If students take a lower division Asian/African/Native Am./Latin Am. Focus course, the 20th Century Focus course and elective must be upper division and one must include an HU general studies designation.

Hide Course List(s)/Track Group(s)

| 2D Art Course |
|---|
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 253: Introduction to Printmaking |
| FSH 203: Fashion Illustration |

| 3D Art Course |
|---|
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 231: Sculpture I |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |

| 2D or 3D Art Course |
|---|
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 231: Sculpture I |
| ART 253: Introduction to Printmaking |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |
| FSH 203: Fashion Illustration |

| Upper Division Intermedia Elective |
|---|
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 378: Digital Textiles |
| ART 417: Storyboarding and Narrative Sequencing |

| Art History Asian/African/Native Am./Latin Am. Focus |
|---|
| ARS 362: Survey of Aztec, Maya and Inka Art (HU) |
| ARS 369: Mexican Art (HU) |
| ARS 394: Anime |
| ARS 394: Egyptian Art and Culture |
| ARS 394: Islamic Art |
| ARS 394: Modern and Contemporary Chinese Art |

| Art History Modern Focus |
|---|
| ARS 330: The Portrait (HU) |
| ARS 340: Art in America (HU & H) |
| ARS 345: Art and Television |
| ARS 370: The Art of the Comic |
| ARS 394: Modern and Contemporary Chinese Art |
| ARS 435: The Pre-Raphaelites |
| ARS 438: Art of the 20th Century I (HU & H) |

ART 424: Stop Motion Animation

ART 442: Art and Community

ART 494: Art and Science

ART 494: Documentary Video Art

ART 494: Time, Narrative & the Multiple

ART 494: Visual Prototyping

ART 494: Women/Art/Technology

ART 499: Individualized Instruction

ARS 402: Art of Ancient Egypt (HU & H)

ARS 444: Films of India

ARS 465: Native Art of North America (HU & C & H)

ARS 472: Art of China (HU)

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Histories of African Art and Visual Culture

ARS 494: Oceanic Art

ARS 439: Art of the 20th Century II (HU & H)

ARS 440: Identity and World Film (C)

ARS 443: Artists in Film: Artists' Biopics

ARS 445: History of Animation

ARS 485: Women in the Visual Arts (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Museum Studies), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTMSBA

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: All students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest communities and play me3@ASU. |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), can not select from American Sign Language IV. | 4 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Join a student club or professional organization. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), can not select from American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 33 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), can not select from American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| **Term 4 47 - 61 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), can not select from American Sign Language IV. | 4 | C | • Create a first draft resume.<br>• Explore an internship. |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| **Term 5 61 - 76 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Art History Ancient/Medieval Focus | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Art History Renaissance/Baroque Focus | 3 | C | |
| Upper Division Professional Practice/Museology Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 76 - 91 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ARS 350: Museums: Meaning and Function OR ARS 456: Introduction to Museums | 3 | C | • Museum Studies students should speak with the internship coordinator, Dr. Betsy Fahlman, regarding internship opportunities. |
| Upper Division Art History Modern Focus | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 91 - 106 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ARS 480: Research Methods (L) | 3 | C | • Gather professional references. |
| Upper Division Professional Practice/Museology Course | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |

Term hours subtotal: 15

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ARS 498: Pro-Seminar (L) | 3 | C | • ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project.<br>• Apply for full-time career opportunities. |
| Upper Division Professional Practice/Museology Course | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

- Related Area Course: complete nine hours total, see list below. These courses provide a range of potentially useful information for museum studies majors. The School of Art recommends selecting at least six hours from upper-division options. All course substitutions must be approved by the School of Art.

Hide Course List(s)/Track Group(s)

| Art History Ancient/Medieval Focus | Art History Modern Focus | Art History Renaissance/Baroque Focus |
|---|---|---|
| ARS 394: Art and Myth in Ancient Greece | ARS 330: The Portrait (HU) | ARS 310: The Renaissance in Tuscany |
| ARS 394: Egyptian Art and Culture | ARS 340: Art in America (HU & H) | ARS 330: The Portrait (HU) |
| ARS 394: Islamic Art | ARS 345: Art and Television | ARS 394: Art of Italian Renaissance |
| ARS 394: Medieval Art: Cross-Cultural Perspectives | ARS 370: The Art of the Comic | ARS 418: German Renaissance and Reformation Art (HU) |
| ARS 402: Art of Ancient Egypt (HU & H) | ARS 394: Anime | ARS 422: Italian High Renaissance Art and Mannerism (HU) |
| ARS 404: Greek Art (HU & H) | ARS 394: Modern and Contemporary Chinese Art | ARS 424: Italian Baroque Art (HU & H) |
| ARS 406: Roman Art (HU & H) | ARS 435: The Pre-Raphaelites | |
| ARS 414: Monasteries, Madonnas and Manuscripts (HU & H) | ARS 438: Art of the 20th Century I (HU & H) | |
| ARS 498: Pompeii & Herculaneum (L) | ARS 439: Art of the 20th Century II (HU & H) | |
| ARS 498: Tutankahmen & His Times (L) | ARS 440: Identity and World Film (C) | |
| | ARS 443: Artists in Film: Artists' Biopics | |
| | ARS 445: History of Animation | |
| | ARS 485: Women in the Visual Arts (L) | |
| | ARS 498: Art & Technology (L) | |
| | ARS 498: Art and Money (L) | |
| | ARS 498: Fakes and Forgeries in Art (L) | |
| | ARS 498: New Woman Artist 1900-1945 (L) | |
| | ARS 498: Self, Trauma, and Affect in Art (L) | |
| | ARS 498: Surrealism & Ethnography (L) | |
| | ARS 498: Theories Modern Sculpture (L) | |

| | |
|---|---|
| | ARS 498: Visual Culture Studies (L) |
| Professional Practice/Museology | Related Area Courses |
| ARA 460: Gallery Exhibitions | ACC 382: Accounting and Financial Analysis |
| ARA 489: Writing Art and Design Criticism (L) | ARA 396: Professional Practices for Design and the Arts |
| ARS 484: Internship | MKT 395: Essentials of Advertising and Marketing Communication |
| ARS 494: Contemporary Issues in Curatorial Practice | NLM 160: Voluntary Action and Community Leadership (SB) |
| ARS 494: Curating the Contemporary | NLM 220: Introduction to Nonprofit Organizations |
| ARS 494: Curation and Globalization | NLM 300: Fund Raising and Resource Development |
| ARS 494: Curatorial Activism | NLM 310: Volunteer Management |
| ARS 494: Intro to Global Heritage Studies | NLM 430: Managing Nonprofit Organizations (L) |
| ARS 494: Museum Histories, Theories, And Debates | PAF 300: Public Management and Administration |
| ARS 494: Museums In Global Contexts | PAF 340: Contemporary Policy Challenges |
| ARS 494: Philosophy of Curatorial Practice: 1800-Present | PAF 420: Managing Across Boundaries |
| ART 409: Photographic Exhibition | PRM 120: Leisure and the Quality of Life (SB) |
| | PRM 210: Leisure Delivery Systems |
| | TDM 205: Introduction to Travel and Tourism (G) |
| | TDM 345: Meeting and Convention Planning |
| | TDM 350: Tourism, Recreation and Sports Marketing |
| | TDM 386: Convention Sales and Management |
| | TDM 448: Heritage and Cultural Tourism |
| | TDM 458: International Tourism (G) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**General University Requirements Legend**

**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Museum Studies), BA

School/College: Herberger Institute for Design and the Arts
Location: Online, ASU Local@Los Angeles
FAARTMSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. |
| ASU 101-HDA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | • View ASU Online first-year student registration information here.<br>• Play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | • Think about joining a club or civic group in your area of career interest. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Courses | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language. 16 Credit Hour(s) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 32 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language. 16 Credit Hour(s) | 4 | C | • Career steps: Shadow someone in the job/career you are considering. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 39 - 46 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language. 16 Credit Hour(s) | 4 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 46 - 53 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Create a first draft resume |
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American SIgn Language. 16 Credit Hour(s) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 53 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Courses | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Professional Practice/Museology Course | 3 | C | • Explore internships in your area |
| Upper Division Art History Ancient/Medieval Focus | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 66 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Professional Practice/Museology Course | 3 | C | |
| Upper Division Art History Renaissance/Baroque Focus | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 79 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ARS 350: Museums: Meaning and Function | 3 | C | • Use Handshake to research employment opportunities |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 7 - A 79 - 85 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 85 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Professional Practice/Museology Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 91 - 97 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Courses | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 97 - 103 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Art History Modern Focus | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 103 - 109 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | • Gather professional references |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 109 - 115 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ARS 480: Research Methods (L) | 3 | C | • Apply for full-time career opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 115 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ARS 498: Pro-Seminar (L) | 3 | C | • ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project. |
| Elective | 2 | | |
| Term hours subtotal: | 5 | | |

Hide Course List(s)/Track Group(s)

| Art History Ancient/Medieval Focus | Art History Modern Focus | Art History Renaissance/Baroque Focus |
|---|---|---|
| ARS 394: Art and Myth in Ancient Greece | ARS 330: The Portrait (HU) | ARS 330: The Portrait (HU) |
| ARS 394: Egyptian Art and Culture | ARS 340: Art in America (HU & H) | ARS 394: Art of Italian Renaissance |
| ARS 394: Islamic Art | ARS 345: Art and Television | |
| ARS 402: Art of Ancient Egypt (HU & H) | ARS 370: The Art of the Comic | |
| | ARS 438: Art of the 20th Century I (HU & H) | |
| | ARS 440: Identity and World Film (C) | |
| | ARS 485: Women in the Visual Arts (L) | |

| Professional Practice/Museology | Related Area Courses |
|---|---|
| ARA 489: Writing Art and Design Criticism (L) | ACC 382: Accounting and Financial Analysis |
| ARS 484: Internship | ARA 396: Professional Practices for Design and the Arts |
| ARS 494: Contemporary Issues in Curatorial Practice | NLM 310: Volunteer Management |
| ARS 494: Curating the Contemporary | PAF 300: Public Management and Administration |
| ARS 494: Curation and Globalization | PAF 340: Contemporary Policy Challenges |
| ARS 494: Curatorial Activism | PAF 420: Managing Across Boundaries |
| ARS 494: Intro to Global Heritage Studies | PRM 120: Leisure and the Quality of Life (SB) |
| ARS 494: Museum Histories, Theories, And Debates | PRM 210: Leisure Delivery Systems |
| ARS 494: Museums In Global Contexts | TDM 205: Introduction to Travel and Tourism (G) |
| ARS 494: Philosophy of Curatorial Practice: 1800-Present | TDM 345: Meeting and Convention Planning |
| | TDM 350: Tourism, Recreation and Sports Marketing |
| | TDM 448: Heritage and Cultural Tourism |
| | TDM 458: International Tourism (G) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Painting and Drawing), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIARTPDBFA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors only.<br>• Select your career interest communities and play me3@ASU. |
| ART 111: Foundation Drawing | 3 | C | |
| ART 112: 2-D Design OR ART 113: Color | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 211: Drawing OR ART 223: Painting | 3 | C | • Join a student club or professional organization |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ART 112: 2-D Design OR ART 113: Color | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 211: Drawing OR ART 223: Painting | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| ART 115: 3-D Design | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 227: Watercolor OR ART 214: Figure Drawing | 3 | C | • Gather documentation of your past work for your future portfolio<br>• Explore internships |
| 2D or 3D Art Course | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 323: Intermediate Painting | 3 | C | • Use Handshake to research employment opportunities |
| ARA 240: Encounters with Contemporary Art | 3 | C | |
| ART 311: Intermediate Drawing | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Upper Division Art History Modern Focus | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 396: Professional Practices for Design and the Arts | 3 | C | |
| ART 327: Intermediate Watercolor OR ART 325: Figure Painting OR ART 314: Intermediate Figure Drawing | 3 | C | |
| Upper Division Art History Asian/African/Native Am./Latin Am. focus | 3 | C | |
| Upper Division Drawing/Painting Elective | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Drawing/Painting Elective | 6 | C | • Gather professional references |
| ART 429: Painting and Drawing Research Studio | 3 | C | |
| ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 482: Senior Exhibitions/Portfolio | 3 | C | • Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio |
| Upper Division Drawing/Painting Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- Students must complete nine hours of ARS coursework (not from ARS 100 or 300); must include six hours upper-division, one Asian/African/Native Am./Latin Am. Focus course, and one Modern Focus course. If students take a lower-division Asian/African/Native Am./Latin Am. Focus course, the Modern Focus course and elective must be upper-division and one must include an HU General Studies designation.

Hide Course List(s)/Track Group(s)

| 2D or 3D Art Course |
| --- |
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 214: Figure Drawing |
| ART 216: Intermedia Practices |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 227: Watercolor |
| ART 231: Sculpture I |
| ART 253: Introduction to Printmaking |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |
| FSH 203: Fashion Illustration |

| Drawing/Painting Elective |
| --- |
| ART 314: Intermediate Figure Drawing |
| ART 325: Figure Painting |
| ART 327: Intermediate Watercolor |
| ART 354: Screen Printing I or ART 459: Monoprinting |
| ART 411: Drawing IV |
| ART 414: Life Drawing III |
| ART 423: Advanced Painting |
| ART 425: Intermediate Figure Painting |
| ART 427: Art on Paper |
| ART 494: China Painting |
| ART 494: Color and Sustainable Practice |
| ART 498: Pro-Seminar (L) |
| ART 499: Individualized Instruction |

| Art History Asian/African/Native Am./Latin Am. Focus |
| --- |
| ARS 362: Survey of Aztec, Maya and Inka Art (HU) |
| ARS 369: Mexican Art (HU) |
| ARS 394: Anime |
| ARS 394: Egyptian Art and Culture |
| ARS 394: Islamic Art |
| ARS 394: Modern and Contemporary Chinese Art |
| ARS 402: Art of Ancient Egypt (HU & H) |
| ARS 444: Films of India |
| ARS 465: Native Art of North America (HU & C & H) |
| ARS 472: Art of China (HU) |
| ARS 473: Art of Japan (HU) |
| ARS 475: Chinese Painting (HU) |
| ARS 494: Art of the Inka and their Ancestors |
| ARS 494: Global Textiles and Fashion |
| ARS 494: Histories of African Art and Visual Culture |
| ARS 494: Oceanic Art |

| Art History Modern Focus |
| --- |
| ARS 330: The Portrait (HU) |
| ARS 340: Art in America (HU & H) |
| ARS 345: Art and Television |
| ARS 370: The Art of the Comic |
| ARS 394: Modern and Contemporary Chinese Art |
| ARS 435: The Pre-Raphaelites |
| ARS 438: Art of the 20th Century I (HU & H) |

ARS 439: Art of the 20th Century II (HU & H)

ARS 440: Identity and World Film (C)

ARS 443: Artists in Film: Artists' Biopics

ARS 445: History of Animation

ARS 485: Women in the Visual Arts (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
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**Upper Division Hours:** 45 minimum
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**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Photography), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTPHBFA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors only.<br>• Select your career interest communities and play me3@ASU. |
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media | 3 | C | |
| ART 204: Photography II: Black and White OR ART 205: Photography II: Color | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media | 3 | C | • Join a student club or professional organization.<br>• Students are required to submit a Photography portfolio and application to be fully admitted into the Photography degree. |
| ART 204: Photography II: Black and White OR ART 205: Photography II: Color | 3 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media | 3 | C | • Build your professional connections -- join the ASU Mentor Network. |
| ART 115: 3-D Design | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 240: Encounters with Contemporary Art | 3 | C | • Gather documentation of your past work for your professional portfolio.<br>• Explore internships. |
| ARS 250: History of Photography (HU) | 3 | C | |
| 3D Art Course | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Photography Elective | 3 | C | • Art Upper Division Elective cannot be ARA 311 or ARS 300.<br>• Use Handshake to research employment opportunities. |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | • Art Upper Division Elective cannot be ARA 311 or ARS 300. |
| *Complete 2 courses:*<br>Upper Division Photography Elective | 6 | C | |
| Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 396: Professional Practices for Design and the Arts | 3 | C | • ARS Upper Division Elective cannot be ARS 300.<br>• Art Upper Division Elective cannot be ARA 311 or ARS 300.<br>• Gather professional references. |
| Upper Division Photography Elective | 3 | C | |
| ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 482: Senior Exhibitions/Portfolio | 3 | C | • ARS Upper Division Elective cannot be ARS 300. |
| *Complete 2 courses:*<br>Upper Division Photography Elective | 6 | C | |

| | | | |
|---|---|---|---|
| ARS Upper Division Elective | 3 | C | • Art Elective cannot be ARA 311, ARS 100 or ARS 300.<br>• Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio. |
| Term hours subtotal: | 12 | | |

- Students must complete 12 hours of ARS coursework (not from ARS 100 or 300); must include ARS 250, nine upper-division hours, and one Asian/African/Native Am./Latin Am. Focus course.

Hide Course List(s)/Track Group(s)

| 3D Art Course |
|---|
| ART 216: Intermedia Practices |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 231: Sculpture I |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |

| Photography Elective |
|---|
| ARA 309: Photography Now |
| ARA 498: Photography and Language (L) |
| ART 301: Alternative Processes I |
| ART 304: Junior Photographic Projects |
| ART 307: View Camera |
| ART 394: Advanced Black and White |
| ART 394: Photography As The Constructed Image |
| ART 403: Senior Photographic Projects |
| ART 404: Portraiture Photography |
| ART 408: Experimental Film |
| ART 409: Photographic Exhibition |
| ART 410: Landscape Photography |
| ART 415: Digital Compositing |
| ART 418: Alternative Processes II |
| ART 467: Art and Ecology |
| ART 494: The Body and Representation |
| ART 494: Digital Cameras & Photo Editing |
| ART 494: Digital Printing |
| ART 494: Documentary Photography |
| ART 494: Labor and Representation |
| ART 494: Photo Fieldwork |
| ART 494: Photogravure |
| ART 494: Photolithography Prints |
| ART 494: The Photobook |
| ART 494: Street Photography |
| ART 498: Pro-Seminar (L) |

| Art History Asian/African/Native Am./Latin Am. Focus |
|---|
| ARS 362: Survey of Aztec, Maya and Inka Art (HU) |
| ARS 369: Mexican Art (HU) |
| ARS 394: Anime |
| ARS 394: Egyptian Art and Culture |
| ARS 394: Islamic Art |
| ARS 394: Modern and Contemporary Chinese Art |
| ARS 402: Art of Ancient Egypt (HU & H) |
| ARS 444: Films of India |
| ARS 465: Native Art of North America (HU & C & H) |
| ARS 472: Art of China (HU) |
| ARS 473: Art of Japan (HU) |
| ARS 475: Chinese Painting (HU) |
| ARS 494: Art of the Inka and their Ancestors |
| ARS 494: Global Textiles and Fashion |
| ARS 494: Histories of African Art and Visual Culture |
| ARS 494: Oceanic Art |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Printmaking), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTPMBFA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors only.<br>• Select your career interest communities and play me3@ASU. |
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 115: 3-D Design | 3 | C | |
| ART 113: Color | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 115: 3-D Design | 3 | C | • Join a student club or professional organization. |
| ART 253: Introduction to Printmaking | 3 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 115: 3-D Design | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| 2D Art Course | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 2D or 3D Art Course | 3 | C | • Gather information of your past work for your future portfolio.<br>• Explore internships. |
| 3D Art Course | 3 | C | |
| ARA 240: Encounters with Contemporary Art | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 354: Screen Printing I | 3 | C | • Use Handshake to research employment opportunities. |
| ARA OR ARE OR ARS OR ART OR FSH Lower Division Elective | 3 | C | |
| Upper Division Printmaking Elective | 3 | C | |
| Upper Division Art History Asian/ African/ Native Am./ Latin Am. Focus | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 352: Lithography I | 3 | C | • ARS Upper Division Elective cannot be ARS 300.<br>• Art Upper Division Elective cannot be ARA 311 or ARS 300.<br>• ART 354 must be completed by term 6. |
| ART 351: Intaglio I | 3 | C | |
| ARS course (HU) Upper Division | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 396: Professional Practices for Design and the Arts | 3 | C | • Art Upper Division Elective cannot be ARA 311 or ARS 300.<br>• Gather professional references. |
| *Complete 2 courses:*<br>Upper Division Printmaking Elective | 6 | C | |
| ARS Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 482: Senior Exhibitions/Portfolio | 3 | C | • Art Elective courses cannot be ARA 311, ARS 100 or ARS 300.<br>• Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio. |
| Upper Division Printmaking Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |

| | | |
|---|---|---|
| Elective | | 3 |
| | Term hours subtotal: | 12 |

- Students must complete 9 hours of ARS coursework (not from ARS 100 or 300); must include 6 hours upper division, one Asian/African/Native Am./Latin Am. Focus course, and 2 upper division ARS electives. If students take a lower division Asian/African/Native Am./Latin Am. Focus course, both ARS electives must be upper division and one must include an HU general studies designation.

Hide Course List(s)/Track Group(s)

| 2D Art Course |
|---|
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 223: Painting |
| ART 227: Watercolor |
| FSH 203: Fashion Illustration |

| 3D Art Course |
|---|
| ART 216: Intermedia Practices |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 231: Sculpture I |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |

| 2D or 3D Art Course |
|---|
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 216: Intermedia Practices |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 231: Sculpture I |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |
| FSH 203: Fashion Illustration |

| Printmaking Elective |
|---|
| ART 394: Art Zines: Self-Publishing, Protest & Change |
| ART 445: Digital Processes for Printmaking |
| ART 451: Advanced Intaglio |
| ART 452: Advanced Lithography |
| ART 453: Experimental Printmaking: Expanding the Matrix |
| ART 454: Advanced Screen Printing |
| ART 455: Artists' Books |

| Art History Asian/African/Native Am./Latin Am. Focus |
|---|
| ARS 362: Survey of Aztec, Maya and Inka Art (HU) |
| ARS 369: Mexican Art (HU) |
| ARS 394: Anime |
| ARS 394: Egyptian Art and Culture |
| ARS 394: Islamic Art |
| ARS 394: Modern and Contemporary Chinese Art |

ART 456: Letterpress Studio

ART 458: Paper Studio

ART 459: Monoprinting

ART 494: Field to Museum: Art & Science Collections

ART 494: Photogravure

ART 494: Photolithography Prints

ART 494: Time, Narrative & the Multiple

ARS 402: Art of Ancient Egypt (HU & H)

ARS 444: Films of India

ARS 465: Native Art of North America (HU & C & H)

ARS 472: Art of China (HU)

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Histories of African Art and Visual Culture

ARS 494: Oceanic Art

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Sculpture), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTSBFA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of first-year art majors only.<br>• Select your career interest communities and play me3@ASU. |
| ART 111: Foundation Drawing OR ART 112: 2-D Design | 3 | C | |
| ART 115: 3-D Design | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 231: Sculpture I OR ART 272: Introduction to Metals and Jewelry or ART 274: Wood I | 3 | C | • Students should complete either ART 113 or 116, not both. ART 116 is recommended for Sculpture majors over ART 113.<br>• Join a student club or professional organization. |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 231: Sculpture I OR ART 272: Introduction to Metals and Jewelry or ART 274: Wood I | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 2D Art Course | 3 | C | • ARA 240: Encounters with Contemporary Art is required for BFA majors.<br>• Gather documentation of past works for your future portfolio.<br>• Explore an internship. |
| 2D or 3D Art Course | 3 | C | |
| ARA 240: Encounters with Contemporary Art | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 331: Sculpture II | 3 | C | • Students must complete six hours of upper-division ARS coursework (not from ARS 300). One course must have the HU designation.<br>• Art Elective course cannot be ARA 311, ARS 100 or ARS 300.<br>• Students may use their Upper Division Sculpture Electives to concentrate on Metals or Wood. Recommend ART 372 for Metals emphasis or ART 374 for Woods emphasis.<br>• Faculty recommend at least one of the following art history courses: ARS 438 or ARS 439.<br>• Use Handshake to research employment opportunities. |
| Upper Division Sculpture Elective | 3 | C | |
| Upper Division ARS Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 430: Advanced Sculpture: Materials and Techniques OR ART 434: Advanced Sculpture: Context and Content | 3 | C | • Students must complete six hours of upper-division ARS coursework (not from ARS 300).<br>• Upper Division Sculpture Elective: Recommend ART 373 for Metals emphasis or ART 474 for Woods emphasis. |
| Upper Division Sculpture Elective | 3 | C | |
| ARS Upper Division Elective | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 396: Professional Practices for Design and the Arts | 3 | C | • Art Upper Division Elective courses cannot be ARA 311 or ARS 300.<br>• Upper Division Sculpture Elective: Recommend ART 472 for Metals emphasis.<br>• Gather professional references. |
| ART 430: Advanced Sculpture: Materials and Techniques OR ART 434: Advanced Sculpture: Context and Content | 3 | C | |
| Upper Division Sculpture Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 3 | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ART 482: Senior Exhibitions/Portfolio | 3 | C | • Art Upper Division Elective courses cannot be ARA 311 or ARS 300.<br>• Upper Division Sculpture Elective: Recommend ART 473 for Metals emphasis.<br>• Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio. |
| Upper Division Sculpture Elective | 3 | C | |
| *Complete 2 courses:*<br>ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 6 | C | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| 2D Art Course |
|---|
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 253: Introduction to Printmaking |
| FSH 203: Fashion Illustration |

| 2D or 3D Art Course |
|---|
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 216: Intermedia Practices |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 253: Introduction to Printmaking |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| ART 276: Introduction to Textiles |
| FSH 202: Fashion Construction |
| FSH 203: Fashion Illustration |

| Upper Division Sculpture Elective |
|---|
| ART 333: Foundry Casting Methods |
| ART 372: Casting and Jewelry Techniques |
| ART 373: Form Emphasis in Metals |
| ART 374: Wood II |
| ART 424: Stop Motion Animation |
| ART 432: Neon Sculpture |
| ART 433: Foundry Casting Methods |
| ART 435: Foundry Research Methods |
| ART 436: Architectural Sculpture |
| ART 438: Moving and Interactive Systems in Sculpture |
| ART 472: Advanced Jewelry and Surface Techniques |
| ART 473: Advanced Metals and Mechanisms |
| ART 474: Advanced Wood |
| ART 494: Illumination Systems |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Art (Textiles), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAARTFBFA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of first-year art majors only.<br>• Select your Career Interest Communities and play me3@ASU. |
| ART 112: 2-D Design | 3 | C | |
| ART 115: 3-D Design | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* ART 111: Foundation Drawing OR ART 113: Color OR ART 276: Introduction to Textiles | 6 | C | • Join a student club or professional organization. |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 111: Foundation Drawing OR ART 113: Color OR ART 276: Introduction to Textiles | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| 2D Art Course | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 3D Art Course | 3 | C | • ARA 240: Encounters with Contemporary Art is required for BFA majors.<br>• Gather documentation of your past works for your future portfolio.<br>• Explore an internship. |
| ARA 240: Encounters with Contemporary Art | 3 | C | |
| ART 376: Weaving and Dyeing OR ART 377: Textile Design | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 376: Weaving and Dyeing OR ART 377: Textile Design | 3 | C | • ART 376 only offered in the Fall semester.<br>• Use Handshake to research employment opportunities. |
| 2D or 3D Art Course | 3 | C | |
| Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | • Art Upper Division Elective course cannot be ARA 311 or ARS 300.<br>• ARS Upper Division Elective cannot be ARS 300. |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Textile Elective | 6 | C | |
| Upper Division Art History Modern Focus | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 396: Professional Practices for Design and the Arts | 3 | C | • Art Upper Division Elective course cannot be ARA 311 or ARS 300.<br>• Gather professional references. |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Textile Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ART 482: Senior Exhibitions/Portfolio | 3 | C | • Art Elective course cannot be ARA 311, ARS 100 or ARS 300.<br>• Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio. |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Upper Division Textile Elective | 3 | C | |
| Term hours subtotal: | 12 | | |

- Students must complete 6 hours of upper division ARS coursework (not from ARS 300); must include one Asian/African/Native Am./Latin Am. Focus course and one 20th Century Focus course.

Hide Course List(s)/Track Group(s)

| 2D Art Course |
| --- |
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 253: Introduction to Printmaking |
| FSH 203: Fashion Illustration |

| 3D Art Course |
| --- |
| ART 216: Intermedia Practices |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 231: Sculpture I |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| FSH 202: Fashion Construction |

| 2D or 3D Art Course |
| --- |
| ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White |
| ART 205: Photography II: Color |
| ART 211: Drawing |
| ART 214: Figure Drawing |
| ART 216: Intermedia Practices |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 223: Painting |
| ART 227: Watercolor |
| ART 231: Sculpture I |
| ART 253: Introduction to Printmaking |
| ART 261: Ceramic Survey |
| ART 272: Introduction to Metals and Jewelry |
| ART 274: Wood I |
| FSH 202: Fashion Construction |
| FSH 203: Fashion Illustration |

| Upper Division Textile Elective |
| --- |
| ART 376: Weaving and Dyeing |
| ART 377: Textile Design |
| ART 378: Digital Textiles |
| ART 476: Advanced Textile Construction |
| ART 477: Printed Textiles |
| ART 478: Advanced Surface to Form |
| ART 479: 3-D Fibers: Construction and Content |
| ART 494: Special Topics |
| ART 499: Individualized Instruction |

| Art History Asian/African/Native Am./Latin Am. Focus |
| --- |
| ARS 362: Survey of Aztec, Maya and Inka Art (HU) |
| ARS 369: Mexican Art (HU) |
| ARS 394: Anime |
| ARS 394: Egyptian Art and Culture |
| ARS 394: Islamic Art |
| ARS 394: Modern and Contemporary Chinese Art |
| ARS 402: Art of Ancient Egypt (HU & H) |
| ARS 444: Films of India |

| Art History Modern Focus |
| --- |
| ARS 330: The Portrait (HU) |
| ARS 340: Art in America (HU & H) |
| ARS 345: Art and Television |
| ARS 370: The Art of the Comic |
| ARS 394: Modern and Contemporary Chinese Art |
| ARS 435: The Pre-Raphaelites |
| ARS 438: Art of the 20th Century I (HU & H) |
| ARS 439: Art of the 20th Century II (HU & H) |
| ARS 440: Identity and World Film (C) |

| | |
|---|---|
| ARS 465: Native Art of North America (HU & C & H) | ARS 443: Artists in Film: Artists' Biopics |
| ARS 472: Art of China (HU) | ARS 445: History of Animation |
| ARS 473: Art of Japan (HU) | ARS 485: Women in the Visual Arts (L) |
| ARS 475: Chinese Painting (HU) | |
| ARS 494: Art of the Inka and their Ancestors | |
| ARS 494: Global Textiles and Fashion | |
| ARS 494: Histories of African Art and Visual Culture | |
| ARS 494: Oceanic Art | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Arts (BA in the Arts), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAATSBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience OR AME 101: ASU Digital Culture Experience OR DSC 100: ASU Design Experience OR HDA 101: ASU & Herberger Institute Experience OR THF 125: Orientation to Film, Dance and Theatre OR MUP 101: The ASU School of Music Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students; ARA 101, AME 101, DSC 100, THF 125 & MUP 101 are typically only offered in Fall semesters; HDA 101 is typically only offered in Spring semesters.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HDA 210: Creativity and Innovation in Design and the Arts | 3 | C | |
| Arts Discipline and Practice Course | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • By the end of the semester, students will select 1 of 3 possible focus areas: Arts Administration, Entertainment Design, or an Individual Focus. Students interested in pursuing an Individual Focus should contact their academic advisor for assistance with submitting their proposal for approval. |
| Arts Discipline and Practice Course | 3 | C | |
| Historical and Theoretical Arts Studies | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Arts Discipline and Practice Course | 3 | C | |
| Focus Area Course | 3 | C | |
| Historical and Theoretical Arts Studies with African / Asian / Latin American / Native American Focus AND Humanities, Arts and Design (HU) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HDA 252: Foundations Arts and Design Entrepreneurship | 3 | C | • Create a first draft resume. |
| Arts Discipline and Practice Course | 3 | C | |
| Focus Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete Computer/Statistics/Quantitative Applications (CS) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Focus Area Course | 3 | C | • Explore an internship; after finding an internship, complete the Internship Application form request to receive course credit. |
| Fiscal or Statistical Literacy Elective | 3 | C | |
| Upper Division Arts Discipline and Practice Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HDA 397: Capstone Development | 1 | C | • Students are responsible for securing their own internship experience. Students must receive approval prior to working at the internship in order for the experience to apply as course credit.<br>• Gather professional references and format the information as an addendum to your resume. |
| HDA 484: Internship | 3 | C | |
| Critical Thinking and Analysis Elective | 3 | C | |
| Upper Division Community Engaged Practices Elective | 3 | C | |
| Upper Division Focus Area Course | 3 | C | |
| Elective | 2 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Capstone: Thesis or Independent Research Project | 3 | C | • For the Upper Division Capstone, please consult with faculty mentor and academic advisor for appropriate course options.<br>• Develop a website / portfolio to aid in applying for full-time careers. |
| Upper Division Focus Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Capstone: Thesis or Independent Research Project | 3 | C | |

| | | |
|---|---|---|
| Upper Division Focus Area Course | 3 | C |
| Upper Division Elective | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 12 | |

- For the Upper Division Capstone, please consult with faculty mentor and academic advisor for appropriate course options.

- Students will select 1 of 3 possible focus area tracks: Arts Administration, Entertainment Design, or an Individual Focus. Students interested in pursuing an Individual Focus should contact their academic advisor for assistance with submitting their proposal for approval.

Hide Course List(s)/Track Group(s)

| Arts Discipline and Practice: Select 4 courses; 12 credits (at least 3 upper division) |
|---|
| ALA Elective |
| AME Elective |
| ARA Elective |
| ART Elective |
| DCE Elective |
| DSC Elective |
| EDS Elective |
| FMP Elective |
| FSH Elective |
| GRA Elective |
| IND Elective |
| INT Elective |
| MSC Elective |
| MUP Elective |
| MUS Elective |
| THE Elective |
| THF Elective |
| THP Elective |

| Historical and Theoretical Arts Studies with African / Asian / Latin American / Native American Focus AND Humanities, Arts and Design (HU): Select 1 course; 3 credits |
|---|
| ALA 100: Introduction to Environmental Design (HU & H & G) |
| ALA 102: Landscapes and Sustainability (HU & G) |
| APH 300: World Architecture I/Western Cultures (HU & H & G) |
| APH 313: History of Architecture I ((L or HU) & G & H) |
| APH 314: History of Architecture II ((L or HU) & G & H) |
| ARS 201: Art of Asia (HU & H & G) |
| ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) |
| ARS 362: Survey of Aztec, Maya and Inka Art (HU) |
| ARS 369: Mexican Art (HU) |
| ARS 465: Native Art of North America (HU & C & H) |
| ARS 472: Art of China (HU) |
| ARS 473: Art of Japan (HU) |
| ARS 475: Chinese Painting (HU) |
| DCE 201: Dance, Culture, and Global Contexts (HU) |
| DSC 101: Design Awareness (HU & G) |
| MHL 344: Music in World Cultures (HU & G) |
| THE 422: Latinx Theatre and Film (HU & C) |

| Historical and Theoretical Arts Studies: Select 1 course; 3 credits |
|---|
| APH Elective |
| ALA 100: Introduction to Environmental Design (HU & H & G) |
| ALA 102: Landscapes and Sustainability (HU & G) |
| AME 310: Media Literacies and Composition |
| ARA 202: Understanding Photographs |
| ARA 498: Photography and Language (L) |
| ARS Elective |
| DCE 201: Dance, Culture, and Global Contexts (HU) |
| DCE 202: Dance in U.S. Popular Culture (HU & C) |
| DCE 300: Dancing Histories (HU) |
| DCE 301: Dance Analysis and Theory (L or HU) |
| DCE 302: History of American Hip Hop Dance |
| DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (HU & C) |
| DCE 402: Ethnography of Dance Practices (L) |
| DSC 101: Design Awareness (HU & G) |
| FMP 250: Sex and Violence in Film and TV: Ethics Survey |
| GRA 111: Graphic Design History I (HU) |
| GRA 112: Graphic Design History II |
| IND 316: 20th-Century Design I (HU & H) |
| IND 317: 20th-Century Design II (HU & H) |

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LPH Elective

MHL Elective

MUS 131: Bach to Bebop (HU)

MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H)

MUS 347: Jazz in America (HU & C)

MUS 354: Classic Rock: 1950-1975 (HU)

MUS 355: American Music (HU & C & H)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

MUS 371: World Music (HU & G)

MUS 410: History of Women in Music (HU & C & H)

THE 322: Theatre History and Culture (HU & H)

THE 422: Latinx Theatre and Film (HU & C)

THE 423: African American Theatre (C)

THE 426: Pre-Columbian Theatre of the Americas

THE 430: History of Fashion I (HU)

THE 431: History of Fashion II: 20th-Century Fashion

Fiscal or Statistical Literacy Elective

ACC 231: Uses of Accounting Information I

ACC 232: Financial Accounting I

ACC 382: Accounting and Financial Analysis

ECN 211: Macroeconomic Principles (SB)

ECN 212: Microeconomic Principles (SB)

ECN 221: Business Statistics (CS)

FIN 380: Personal Financial Management

STP 226: Elements of Statistics (CS)

Critical Thinking and Analysis Elective

AME 130: Prototyping Dreams (L)

ARA 489: Writing Art and Design Criticism (L)

ARS 345: Art and Television

ART 110: Drawing as Seeing and Thinking (HU)

EDS 223: Design Thinking

FMP 403: Independent Film (HU)

FMP 405: Film Genres, Part 2 (HU)

Community Engaged Practices Elective

ART 442: Art and Community

DCE 494: The Atlas of Creative Tools or THP 494: The Atlas of Creative Tools or HDA 494: The Atlas of Creative Tools

DSC 494: Indigenous Architecture, Planning and Construction

DSC 494: Indigenous Project Delivery

EDS 301: Sustainable Community Design and Practices

HDA 394: Design & Arts Corps

MUS 213: Critical Thinking in the Arts (HU)

THE 421: Shakespeare: Stage and Film (L or HU)

HDA 394: Disrupt, Create, Sustain

HDA 494: Civ Prac: Artists&Designers Collaborating/Comm

HDA 494: Civic Body: Art and Public Health

HDA 494: Civic Practice:Arts/Design & Public Partnerships

HDA 494: Creative Facilitation: Collaboration, Imagination

HDA 494: Creative Project Management

HDA 494: Design & Arts Corps

NLM 410: Social Entrepreneurship

THP 482: Theatre for Social Change (C)

| Arts Administration Focus (0 or 18 credits) | Entertainment Design Focus (0 or 18 credits) | Individual Focus (0 or 18 Credits) |
|---|---|---|
| Students that select the Arts Administration Focus must complete 18 credits (at least 12 upper division credits) from this group. | Students that select the Entertainment Design Focus must complete 18 credits (at least 12 upper division credits) from this group. | Students that are interested in the Individual Focus will need to work with an Academic Advisor and Faculty member to submit a proposal. Focus area courses are approved through submission of the proposal. |
| MGT 380: Management and Strategy for Nonmajors AND MKT 390: Essentials of Marketing or MKT 395: Essentials of Advertising and Marketing Communication | AME 111: Introduction to Digital Culture (CS) | |
| Pick an additional four couses (12 more credits; at least 6 upper division credits): | AME 112: Computational Thinking for Digital Culture | |
| ACC Elective | AME 130: Prototyping Dreams (L) | |
| ARA 396: Professional Practices for Design and the Arts | AME 230: Programming for the Media Arts (CS) | |
| ARA 460: Gallery Exhibitions | AME 320: Motion Capture for Integrative Systems | |
| DSC 394: Design Entrepreneurship & Society | AME 340: Compositional and Computational Principles for Media Arts | |
| DSC 494: Practice Management | AME 411: Advanced Interactive Sound | |
| ECN Elective | AME 470: Programming for Social and Interactive Media | |
| ENT Elective | ARA 460: Gallery Exhibitions | |
| ENT 290: Entrepreneurship: Opportunity to Impact | ART 110: Drawing as Seeing and Thinking (HU) | |
| FIN Elective | ART 116: Introduction to Digital Media | |
| FMP 417: Business and Legal Practices in Entertainment | ART 201: Photography I (HU) | |
| GRA 440: Finding Purpose | ART 217: Introduction to Computer Animation | |
| HDA 420: Design and the Arts Business Administration | ART 261: Ceramic Survey | |
| INT 471: Facilities Management | ART 274: Wood I | |
| MGT Elective | ART 346: 3-D Computer Imaging and Animation (CS) | |

MGT 400: Cross-Cultural Management (C & G)

MKT Elective

MUP 438: The Enterprising Musician

MUP 439: Music Product Creation and Development

NLM Elective

NLM 220: Introduction to Nonprofit Organizations

NLM 235: Leadership and Ethics

NLM 300: Fund Raising and Resource Development

NLM 310: Volunteer Management

NLM 410: Social Entrepreneurship

NLM 430: Managing Nonprofit Organizations (L)

NLM 435: Service Learning for Community Development

NLM 451: Grant Writing

OGL Elective

PAF 300: Public Management and Administration

THP 251: Student Production Board I

THP 351: Arts Management

THP 450: Theatre Organization and Management

THP 451: Student Production Board II

ART 348: Animation Motion Studies

DCE 100: Introduction to Dance (HU)

DCE 203: The Walking Body (HU)

DCE 240: Media for Dance (CS)

EDS 223: Design Thinking

FSH 435: Contemporary Fashion (L or HU)

FMP 201: Film: The Creative Process I (HU)

FMP 225: Introduction to Visual Effects

FMP 240: Introduction to Animation for Film

FMP 255: Media Authorship (CS)

FMP 280: Introduction to Film and Media Production

FMP 325: Guerilla VFX

GRA 101: Designing Life

GRA 401: Creative Environment

HDA 420: Design and the Arts Business Administration

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 321: Music Composition I

IAP 322: Multitrack Digital Recording

IAP 325: Sound Performance: Exploring Alternative Performance Groups

IND 242: Materials and Design

IND 344: Human Factors in Design

INT 351: Ambient Environment

INT 446: Furniture Design and Production

MDC 211: Introduction to Digital Sound

MDC 311: Composing and Performing for Hybrid Ensembles

MUP 319: Advanced Audio Engineering in the Arts

MUS 100: Fundamentals of Music Notation

MUS 210: The Arts Around Us (HU)

MUS 211: Dance, Music and Meaning (HU)

MUS 212: Music, Meaning and Imagination (HU)

MUS 294: Music and Society

MUS 294: Producing Hip Hop and Dance Music I

MUS 294: Songwriting

MUS 355: American Music (HU & C & H)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

MUS 371: World Music (HU & G)

THF 101: Acting Introduction

THF 215: Design and Composition for Theatre and Film (HU)

THP 201: Theatre Production Crew

THP 213: Introduction to Technical Theatre

THP 214: Introduction to Costuming

THP 317: Stage Management

THP 330: Costume Design

THP 332: Makeup

THP 335: Advanced Stagecraft

THP 340: Scene Design

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 394: Pattern Drafting for Theatre

THP 431: Advanced Costume Construction

THP 435: Technical Direction

THP 440: Advanced Scene Design

THP 441: Scene Painting

THP 442: Rendering for Design and Production

THP 344: Drafting

THP 445: Advanced Lighting Design

THP 455: Advanced Media Design

THP 494: Art Direction

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Dance, BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FADANBFA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 132: Dance Techniques | 2 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Dance majors take DCE 170 to complete this requirement.<br>• One Personal Movement Practices course (DCE 133, 134, 135,136 or 139) is required this term.<br>• Join an organization and/or participate in an off-campus performance project. |
| DCE 160: Creative Practice I | 3 | C | |
| DCE 170: First-Year Seminar I | 1 | C | |
| Lower Division Personal Movement Practice | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Milestone: School of Dance students must successfully complete an entrance interview into the major before enrolling at ASU. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 132: Dance Techniques | 2 | C | • One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course (DCE 133, 134, 135,136 or 139) in this term for general elective credit if their schedule allows. |
| DCE 161: Creative Practice II | 3 | C | |
| DCE 205: How Dance Matters: A Sociocultural Framing (C) | 3 | C | |
| THF 126: School of Film, Dance and Theatre: First-Year Experience | 2 | C | |
| Lower Division Personal Movement Practice | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 260: Second-Year Creative Practices I | 3 | C | • Two Personal Movement Practices courses are required this term.<br>• Advancement in Personal Movement Practices is determined by instructor. |
| DCE 226: Musical and Kinesthetic Communication in Dance | 2 | C | |
| DCE 240: Media for Dance (CS) | 3 | C | |
| *Complete 2 courses:* Lower Division Personal Movement Practice | 4 | C | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

- Establish career interests, develop soft skills, build a resume and research internship opportunities.

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 236: Somatic Practices II OR DCE 336: Somatic Practices III | 2-3 | C | • Two Personal Movement Practice courses are required this term.<br>• Advancement in Personal Movement Practices is determined by instructor. |
| DCE 261: Second-Year Creative Practices II | 3 | C | |
| DCE 354: Creative Approaches to Teaching Dance I | 3 | C | |
| *Complete 2 courses:*<br>Lower Division Personal Movement Practice | 4 | C | |
| Literacy and Critical Inquiry (L) ( DCE 204 recommended) | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 360: Third-Year Creative Practices I | 3 | C | • Begin career/degree alignment. Engage in community partnerships or projects. |
| DCE 233: Hip Hop II OR DCE 234: Postmodern Contemporary II OR DCE 235: Contemporary Ballet II OR DCE 239: Afro-Latin Movement Practices II OR DCE 333: Hip Hop III OR DCE 334: Postmodern Contemporary III OR DCE 335: Contemporary Ballet III OR DCE 339: Afro-Latin Movement Practices III | 2-3 | C | |
| DCE 300: Dancing Histories (HU) OR DCE 302: History of American Hip Hop Dance OR DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (C) | 3 | C | |
| DCE 356: Creative Approaches to Teaching Dance II | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 15-16 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 361: Third-Year Creative Practices II | 3 | C | • One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.<br>• Advancement in Personal Movement Practices is determined by instructor. |
| DCE 301: Dance Analysis and Theory (L or HU) OR DCE 402: Ethnography of Dance Practices (L) OR DCE 404: Dance and Ethics (L) | 3 | C | |
| Upper Division Personal Movement Practice | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 460: Transition Project I | 3 | C | • One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.<br>• Advancement in Personal Movement Practices is determined by instructor. |
| DCE 303: The Body Condition(ed) (SB) OR DCE 403: Making. Living. Thriving Through the Arts (HU) OR DCE 405: Writing the Creating Body (L or HU) | 3 | C | |
| Upper Division Personal Movement Practice | 3 | C | |
| Upper Division Elective OR DCE 484: Internship | 3 | | |

| | | |
|---|---|---|
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 15 | |

- Start networking professionally.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ DCE 461: Transition Project II | 3 | C | |
| DCE course (HU) Upper Division | 3 | C | |
| Upper Division Personal Movement Practice | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.
- Advancement in Personal Movement Practices is determined by instructor.

Hide Course List(s)/Track Group(s)

| Lower Division Personal Movement Practices | Upper Division Personal Movement Practices |
|---|---|
| DCE 133: Hip Hop I | DCE 333: Hip Hop III |
| DCE 134: Postmodern Contemporary I | DCE 334: Postmodern Contemporary III |
| DCE 135: Contemporary Ballet I | DCE 335: Contemporary Ballet III |
| DCE 136: Somatic Practices I | DCE 336: Somatic Practices III |
| DCE 139: Afro-Latin Movement Practices I | DCE 338: Hip Hop Ensemble |
| DCE 233: Hip Hop II | DCE 339: Afro-Latin Movement Practices III |
| DCE 234: Postmodern Contemporary II | |
| DCE 235: Contemporary Ballet II | |
| DCE 236: Somatic Practices II | |
| DCE 239: Afro-Latin Movement Practices II | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Dance (Dance Education), BFA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FADANEBFA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 132: Dance Techniques | 2 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Dance majors complete DCE 170 to fulfill this requirement.<br>• One Personal Movement Practices course (DCE 133, 134, 135,136 or 139) is required this term.<br>• Join an organization and/or participate in an off-campus performance project. |
| DCE 160: Creative Practice I | 3 | C | |
| DCE 170: First-Year Seminar I | 1 | C | |
| Lower Division Personal Movement Practice | 2 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Milestone: School of Dance students must successfully complete an entrance interview into the major before enrolling at ASU. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 132: Dance Techniques | 2 | C | • One Personal Movement Practices course (DCE 133, 134, 135,136 or 139) is required this term.<br>• Advancement in Personal Movement Practice courses is determined by instructor. |
| DCE 161: Creative Practice II | 3 | C | |
| DCE 205: How Dance Matters: A Sociocultural Framing (C) | 3 | C | |
| THF 126: School of Film, Dance and Theatre: First-Year Experience | 2 | C | |
| Lower Division Personal Movement Practice | 2 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 226: Musical and Kinesthetic Communication in Dance | 2 | C | • One Personal Movement Practices course (DCE 133, 134, 135,136 or 139) is required this term.<br>• Advancement in Personal Movement Practice courses is determined by instructor. |
| DCE 260: Second-Year Creative Practices I | 3 | C | |
| DCE 270: Second-Year Seminar I | 1 | C | |
| DCE 201: Dance, Culture, and Global Contexts (HU) | 3 | C | |

| | | |
|---|---|---|
| DCE 240: Media for Dance (CS) | 3 | C |
| Lower Division Personal Movement Practice | 2 | C |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 14 | |

- Establish career interests, develop soft skills, build a resume and research internship opportunities.
- Apply for Identity Verified Print (IVP) fingerprint clearance card through DPS website: https://www.azdps.gov/services/public/fingerprint You will need the card to be in the classroom with K-12th grade students, prior to starting your first internship.

| Term 4 43 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 204: Dance, Health and Wellness | 3 | C | |
| DCE 261: Second-Year Creative Practices II | 3 | C | |
| DCE 354: Creative Approaches to Teaching Dance I | 3 | C | |
| DCE 236: Somatic Practices II | 2 | C | |
| Lower Division Personal Movement Practice | 2 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) OR GCU 113: United States and Arizona Social Studies (SB & H) | 3 | | |
| Complete DCE 201 course. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- One Personal Movement Practices course (DCE 133, 134, 135,136 or 139) is required this term.
- Advancement in Personal Movement Practice courses is determined by instructor.
- GCU 113 satisfies the US and AZ constitution requirement needed for teaching in Arizona.
- Prior to enrollment in Term 5 courses, you must meet with your advisor and submit an "Intent to Progress" form that notifies Teachers College you are ready to enroll in your first internship. You will upload a copy of your IVP Finger Print Card with this form, required by state law. Teachers College will then invite you to attend their mandatory Professional Pathways Orientation.

| Term 5 59 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 357: Teaching Internship | 1 | C | |
| DCE 360: Third-Year Creative Practices I | 3 | C | |
| DCE 300: Dancing Histories (HU) | 3 | C | |
| DCE 356: Creative Approaches to Teaching Dance II | 3 | C | |
| Upper Division Personal Movement Practice | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

- One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.
- Begin first dance education internship.
- Career/degree alignment. Engage in a community partnership or project.

| Term 6 76 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| DCE 357: Teaching Internship | 1 | C | |
| DCE 336: Somatic Practices III | 3 | C | |
| DCE 361: Third-Year Creative Practices II | 3 | C | |
| DCE course (L) Upper Division | 3 | C | |
| Upper Division Personal Movement Practice | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.

| | | Minimum | |
|---|---|---|---|

| Term 7 92 - 108 Credit Hours Necessary course signified by | Hours | Grade | Notes |
|---|---|---|---|
| EDP 313: Childhood and Adolescence (SB) | 3 | C | • Students may want to include a Personal Movement Practices course.<br>• Start networking professionally. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a K-12th grade classroom for the semester.<br>• Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Lower Division Personal Movement Practices | Upper Division Personal Movement Practices |
|---|---|
| DCE 133: Hip Hop I | DCE 333: Hip Hop III |
| DCE 134: Postmodern Contemporary I | DCE 334: Postmodern Contemporary III |
| DCE 135: Contemporary Ballet I | DCE 335: Contemporary Ballet III |
| DCE 136: Somatic Practices I | DCE 336: Somatic Practices III |
| DCE 139: Afro-Latin Movement Practices I | DCE 338: Hip Hop Ensemble |
| DCE 233: Hip Hop II | DCE 339: Afro-Latin Movement Practices III |
| DCE 234: Postmodern Contemporary II | |
| DCE 235: Contemporary Ballet II | |
| DCE 236: Somatic Practices II | |
| DCE 239: Afro-Latin Movement Practices II | |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120 **General University Requirements Legend**

**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Digital Culture, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| *Complete 2 courses:* AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Maintain 3.00 GPA in Digital Culture coursework. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.<br>• Join a student club or professional organization. |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies Course | 3 | C | • Digital Media - Arts & Design Courses are classes that include digital media projects |
| Lower Division Digital Culture Studies Course | 3 | C | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) ( PHY 101 recommended) | 4 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Complete MAT 210 course(s). | | |
| Term hours subtotal: | 16 | |

within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.

- Build your skills.

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Digital Media OR Digital Culture Studies Course | 6 | C | |
| Lower Division History/Theory Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies Course | 3 | C | • Build a digital portfolio. |
| *Complete 2 courses:* Upper Division Digital Media OR AME Upper Division Elective | 6 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies Course | 3 | C | • Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.<br>• Explore an internship. Any internship approved for AME 484 Internship credit will automatically fulfill AME 486 Capstone II. |
| Upper Division Digital Culture Studies Course OR Upper Division Related Digital Culture Course | 3 | C | |
| *Complete 2 courses:* Upper Division Digital Media OR AME Upper Division Elective | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 485: Digital Culture Capstone I | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.<br>• Gather professional references. |
| Upper Division Digital Media OR AME Upper Division Elective | 3 | C | |
| Media Engineering Course | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 486: Digital Culture Capstone II | 3 | C | |

| | | |
|---|---|---|
| *Complete 2 courses:*<br>Upper Division Digital Media OR AME Upper Division Elective | 6 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 12 | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective |
|---|
| AME OR MDC Lower Division Elective |

| Digital Culture Studies Course List |
|---|
| AME 210: Media Editing |
| AME 220: Programming for the Web |
| AME 240: Introduction to Physical Computing |
| AME 244: Introduction to Interactive Environments |
| AME 294: Circuit Bending |
| AME 294: Design Politics |
| AME 294: Soundscape Ecology |
| AME 310: Media Literacies and Composition |
| AME 320: Motion Capture for Integrative Systems |
| AME 330: Digital-Physical Systems |
| AME 333: Improvising Cyborgs |
| AME 360: Designing Mixed-Reality Experiences |
| AME 394: Computational Photography |
| AME 394: Special Topics |
| AME 394: Technical Lives |
| AME 411: Advanced Interactive Sound |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 444: Media Installations |
| AME 470: Programming for Social and Interactive Media |
| AME 494: Animating Virtual Worlds |
| AME 494: Special Topics |
| ART 116: Introduction to Digital Media |
| ART 218: 3D Tools |
| ART 378: Digital Textiles |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |

| Digital Media Course List |
|---|
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |
| ART 438: Moving and Interactive Systems in Sculpture |
| ART 440: Experimental Video Art |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |
| CPI 111: Game Development I (CS) |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| EDT 440: Creating and Marketing Mobile Apps |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |
| FMP 255: Media Authorship (CS) |
| FMP 294: Sound Design: From Hollywood to Independent Film |
| FMP 394: Non-Linear Editing for Film and Media |
| GIT 135: Graphic Communications |
| GIT 215: Introduction to Web Authoring |
| GIT 230: Digital Illustration in Publishing |

| | | |
|---|---|---|
| | FSH 394: Fashion Design & Wearable Technology | GRA 294: Illustrator |
| | MDC 211: Introduction to Digital Sound | GRA 294: InDesign |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GRA 294: Photoshop |
| | MDC 411: Advanced Interactive Sound | IAP 103: Foundations I: Interdisciplinary Art Practice |
| | | IAP 104: Foundations I: Fundamentals of Sound Art |
| | | IAP 322: Multitrack Digital Recording |
| | | IAP 361: Digital Editing and Media Literacy (CS) |
| | | IAP 364: Documentaries |
| | | IAP 394: Motion Graphics & Animation |
| | | IAP 462: Games and Play |
| | | MDC 311: Composing and Performing for Hybrid Ensembles |

| History/Theory Course List | Media Engineering Course List | Related Digital Culture Course List |
|---|---|---|
| ALA 100: Introduction to Environmental Design (HU & H & G) | AME 410: Interactive Materials | ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective |
| ALA 102: Landscapes and Sustainability (HU & G) | AME 430: Mac Development for Media Arts | |
| APH 300: World Architecture I/Western Cultures (HU & H & G) | AME 435: Mobile Development | |
| APH 313: History of Architecture I ((L or HU) & G & H) | AME 470: Programming for Social and Interactive Media | |
| APH 314: History of Architecture II ((L or HU) & G & H) | AME 494: Animating Virtual Worlds | |
| ARA 202: Understanding Photographs | EEE 307: Signal Processing for Digital Culture | |
| ARS 102: Art from Renaissance to Modernism (HU & H) | | |
| ARS 345: Art and Television | | |
| ARS 394: Anime | | |
| ARS 438: Art of the 20th Century I (HU & H) | | |
| ARS 439: Art of the 20th Century II (HU & H) | | |
| DCE 300: Dancing Histories (HU) | | |
| DSC 101: Design Awareness (HU & G) | | |
| FMP 294: History of Film & Television Production | | |
| FMP 403: Independent Film (HU) | | |
| FMP 405: Film and Television: Pioneers, Practices and Innovations (HU) | | |

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LAP 311: History of Landscape Architecture (HU & H)

LAP 312: 20th-Century Landscape Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU & H)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Digital Culture, BA

School/College: Herberger Institute for Design and the Arts
Location: Online, ASU Local@Los Angeles
HIDGCBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • View ASU Online first-year student registration information here.<br>• Select your Career Interest Communities and play me3@ASU. |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |

| | | |
|---|---|---|
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Milestone: GPA First-Year Review | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 25 - 31 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Lower Division Digital Culture Flexible Elective | 3 | C | • Build your skills. |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media Course OR Digital Culture Studies Course | 3 | C | • Digital Media Courses are classes that include digital media projects within a trans-disciplinary area of study. See course list below, or talk to your advisor for specific course options. |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete MAT 210 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 37 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media Course OR Digital Culture Studies Course | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 43 - 49 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media Course OR Digital Culture Studies Course | 3 | C | |
| Lower Division Digital Culture Studies Course | 3 | C | |
| Maintain 3.00 GPA in Digital Culture coursework. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 49 - 56 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) ( PHY 101 recommended) | 4 | | • Build a digital portfolio. |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 56 - 62 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies Course | 3 | C | |
| Lower Division History/Theory Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 62 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | • Explore an internship. Any internship approved for AME 484 Internship credit will automatically fulfill AME 486 Capstone II. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Media Course OR AME Upper Division Elective | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Digital Culture Studies Course | 3 | C | |
| Upper Division Digital Media Course OR AME Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies Course OR Upper Division Related Digital Culture Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Digital Media Course OR AME Upper Division Elective | 6 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Media Course OR AME Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AME 485: Digital Culture Capstone I | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.<br>• Gather professional references. |
| Upper Division Digital Media Course OR AME Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Media Engineering Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by | | Minimum | |
|---|---|---|---|

| | Hours | Grade | Notes |
|---|---|---|---|
| AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Digital Media Course OR AME Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 10 - B 117 - 120 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Elective OR AME 484: Internship | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective |
|---|
| AME OR MDC Lower Division Elective |

| Digital Culture Studies Course List |
|---|
| AME 210: Media Editing |
| AME 220: Programming for the Web |
| AME 360: Designing Mixed-Reality Experiences |
| AME 394: Computational Photography |
| AME 394: Special Topics |
| AME 394: Technical Lives |
| AME 494: Animating Virtual Worlds |

| Digital Media Course List |
|---|
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 394: Digital Photography for Non-Majors |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |
| FMP 294: Sound Design: From Hollywood to Independent Film |
| GIT 135: Graphic Communications |
| GIT 215: Introduction to Web Authoring |
| GIT 230: Digital Illustration in Publishing |
| IAP 103: Foundations I: Interdisciplinary Art Practice |
| IAP 361: Digital Editing and Media Literacy (CS) |
| IAP 364: Documentaries |
| IAP 394: Motion Graphics & Animation |
| IAP 462: Games and Play |

| History/Theory Course List |
|---|
| ALA 100: Introduction to Environmental Design (HU & H & G) |
| ARS 345: Art and Television |
| ARS 394: Anime |
| ARS 438: Art of the 20th Century I (HU & H) |

| Media Engineering Course List |
|---|
| AME 494: Animating Virtual Worlds |

| Related Digital Culture Course List |
|---|
| ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective |

DSC 101: Design Awareness (HU & G)

FMP 294: History of Film & Television Production

FMP 405: Film and Television: Pioneers, Practices and Innovations (HU)

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 322: Theatre History and Culture (HU & H)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Digital Culture (Art), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCABA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| *Complete 2 courses:* AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Maintain 3.00 GPA in Digital Culture coursework. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.<br>• Join a student club or professional organization. |
| ARS 102: Art from Renaissance to Modernism (HU & H) OR ARS 250: History of Photography (HU) | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | |

| | | |
|---|---|---|
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color | 3 | C |
| Natural Science - Quantitative (SQ) ( PHY 101 recommended) | 4 | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Complete MAT 210 course. | | |
| Term hours subtotal: | 16 | |

- Digital Media courses are classes that include digital media projects within a trans-disciplinary area of study. See course list below or talk to your advisor for specific course options.
- Build your skills.

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | |
| ART 216: Contemporary Art in Practice: Methods, Making, Meaning | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Culture Studies OR Related Digital Culture Course | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| History/Theory Course | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

- Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.
- Build a digital portfolio.

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Upper Division Studio Art | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Explore an internship.

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 485: Digital Culture Capstone I | 3 | C | |
| Upper Division Art History | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Related Digital Culture Course OR Upper Division Digital Media | 3 | C | |

- All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.
- Gather professional references.

| | | |
|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Art Concentration Course | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Media Engineering | 3 | C | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective |
|---|
| AME OR MDC Lower Division Elective |

| Digital Culture Studies Course List |
|---|
| AME 210: Media Editing |
| AME 220: Programming for the Web |
| AME 240: Introduction to Physical Computing |
| AME 244: Introduction to Interactive Environments |
| AME 294: Circuit Bending |
| AME 294: Design Politics |
| AME 294: Soundscape Ecology |
| AME 310: Media Literacies and Composition |
| AME 320: Motion Capture for Integrative Systems |
| AME 330: Digital-Physical Systems |
| AME 333: Improvising Cyborgs |
| AME 394: Special Topics |
| AME 411: Advanced Interactive Sound |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 444: Media Installations |
| AME 470: Programming for Social and Interactive Media |
| AME 494: Special Topics |
| ART 116: Introduction to Digital Media |
| ART 218: 3D Tools |
| ART 378: Digital Textiles |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |

| Digital Media Course List |
|---|
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |
| ART 438: Moving and Interactive Systems in Sculpture |
| ART 440: Experimental Video Art |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |
| CPI 111: Game Development I (CS) |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| EDT 440: Creating and Marketing Mobile Apps |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |
| FMP 255: Media Authorship (CS) |
| FMP 294: Sound Design: From Hollywood to Independent Film |

| | | |
|---|---|---|
| | FSH 394: Fashion Design & Wearable Technology | FMP 394: Non-Linear Editing for Film and Media |
| | MDC 211: Introduction to Digital Sound | GIT 135: Graphic Communications |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 215: Introduction to Web Authoring |
| | MDC 411: Advanced Interactive Sound | GRA 294: Illustrator |
| | | GRA 294: InDesign |
| | | GRA 294: Photoshop |
| | | IAP 103: Foundations I: Interdisciplinary Art Practice |
| | | IAP 104: Foundations I: Fundamentals of Sound Art |
| | | IAP 322: Multitrack Digital Recording |
| | | IAP 361: Digital Editing and Media Literacy (CS) |
| | | IAP 364: Documentaries |
| | | IAP 394: Motion Graphics & Animation |
| | | IAP 462: Games and Play |
| | | MDC 311: Composing and Performing for Hybrid Ensembles |

| History/Theory Course List | Media Engineering Course List | Related Digital Culture Course List |
|---|---|---|
| ALA 100: Introduction to Environmental Design (HU & H & G) | AME 410: Interactive Materials | ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective |
| ALA 102: Landscapes and Sustainability (HU & G) | AME 430: Mac Development for Media Arts | |
| APH 300: World Architecture I/Western Cultures (HU & H & G) | AME 435: Mobile Development | |
| APH 313: History of Architecture I ((L or HU) & G & H) | AME 470: Programming for Social and Interactive Media | |
| APH 314: History of Architecture II ((L or HU) & G & H) | EEE 307: Signal Processing for Digital Culture | |
| ARA 202: Understanding Photographs | | |
| ARS 102: Art from Renaissance to Modernism (HU & H) | | |
| ARS 345: Art and Television | | |
| ARS 394: Anime | | |
| ARS 438: Art of the 20th Century I (HU & H) | | |
| ARS 439: Art of the 20th Century II (HU & H) | | |
| DCE 300: Dancing Histories (HU) | | |
| DSC 101: Design Awareness (HU & G) | | |
| FMP 294: History of Film & Television Production | | |

FMP 403: Independent Film (HU)

FMP 405: Film and Television: Pioneers, Practices and Innovations (HU)

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LAP 311: History of Landscape Architecture (HU & H)

LAP 312: 20th-Century Landscape Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU & H)

| Upper Division Studio Art Course List |
| --- |
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |

| Upper Division Art Concentration Course List |
| --- |
| ARS 345: Art and Television |
| ARS 394: Anime |
| ARS 438: Art of the 20th Century I (HU & H) |
| ARS 439: Art of the 20th Century II (HU & H) |
| ARS 456: Introduction to Museums |
| ART 308: 2D Digital Animation |

| Upper Division Art History Course List |
| --- |
| ARS 345: Art and Television |
| ARS 394: Anime |
| ARS 438: Art of the 20th Century I (HU & H) |
| ARS 439: Art of the 20th Century II (HU & H) |
| ARS 456: Introduction to Museums |

| | |
|---|---|
| ART 439: Intermedia Studio | ART 312: Illustration |
| ART 440: Experimental Video Art | ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 442: Art and Community | ART 348: Animation Motion Studies |
| ART 445: Digital Processes for Printmaking | ART 394: Digital Photography for Non-Majors |
| ART 494: Documentary Video Art | ART 424: Stop Motion Animation |
| ART 494: Visual Prototyping | ART 439: Intermedia Studio |
| ART 494: Women/Art/Technology | ART 440: Experimental Video Art |
| | ART 442: Art and Community |
| | ART 445: Digital Processes for Printmaking |
| | ART 494: Documentary Video Art |
| | ART 494: Visual Prototyping |
| | ART 494: Women/Art/Technology |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Digital Culture (Design), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCDBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| *Complete 2 courses:* AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Maintain 3.00 GPA in Digital Culture coursework. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.<br>• Join a student club or professional organization. |
| Lower Division Design Concentration | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | • Digital Media courses are classes that include digital media projects within a |
| Lower Division Design Concentration | 3 | C | |

| | | | |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | trans-disciplinary area of study. See course list or talk to your advisor for specific course options.<br>• Build your skills. |
| Natural Science - Quantitative (SQ) ( PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Complete MAT 210 course. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | |
| Lower Division Design Concentration | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | • Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.<br>• Build a digital portfolio. |
| Upper Division Digital Culture Studies OR Related Digital Culture Course | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| History/Theory Course | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | • Explore an internship. |
| Upper Division Design Concentration | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 485: Digital Culture Capstone I | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.<br>• Gather professional references. |
| Upper Division Design Concentration | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Related Digital Culture Course OR Upper Division Digital Media Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

Term hours subtotal: 15

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Design Concentration | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Media Engineering Course | 3 | C | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective |
|---|
| AME OR MDC Lower Division Elective |

| Digital Culture Studies Course List |
|---|
| AME 210: Media Editing |
| AME 220: Programming for the Web |
| AME 240: Introduction to Physical Computing |
| AME 244: Introduction to Interactive Environments |
| AME 294: Circuit Bending |
| AME 294: Design Politics |
| AME 294: Soundscape Ecology |
| AME 310: Media Literacies and Composition |
| AME 320: Motion Capture for Integrative Systems |
| AME 330: Digital-Physical Systems |
| AME 333: Improvising Cyborgs |
| AME 394: Special Topics |
| AME 411: Advanced Interactive Sound |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 444: Media Installations |
| AME 470: Programming for Social and Interactive Media |
| AME 494: Special Topics |
| ART 116: Introduction to Digital Media |
| ART 218: 3D Tools |
| ART 378: Digital Textiles |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| FSH 394: Fashion Design & Wearable Technology |

| Digital Media Course List |
|---|
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |
| ART 438: Moving and Interactive Systems in Sculpture |
| ART 440: Experimental Video Art |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |
| CPI 111: Game Development I (CS) |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| EDT 440: Creating and Marketing Mobile Apps |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |
| FMP 255: Media Authorship (CS) |
| FMP 294: Sound Design: From Hollywood to Independent Film |
| FMP 394: Non-Linear Editing for Film and Media |

| | | |
|---|---|---|
| | MDC 211: Introduction to Digital Sound | GIT 135: Graphic Communications |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 215: Introduction to Web Authoring |
| | MDC 411: Advanced Interactive Sound | GIT 230: Digital Illustration in Publishing |
| | | GRA 294: Illustrator |
| | | GRA 294: InDesign |
| | | GRA 294: Photoshop |
| | | IAP 103: Foundations I: Interdisciplinary Art Practice |
| | | IAP 104: Foundations I: Fundamentals of Sound Art |
| | | IAP 322: Multitrack Digital Recording |
| | | IAP 361: Digital Editing and Media Literacy (CS) |
| | | IAP 364: Documentaries |
| | | IAP 394: Motion Graphics & Animation |
| | | IAP 462: Games and Play |
| | | MDC 311: Composing and Performing for Hybrid Ensembles |

| History/Theory Course List | Media Engineering Course List | Related Digital Culture Course List |
|---|---|---|
| ALA 100: Introduction to Environmental Design (HU & H & G) | AME 410: Interactive Materials | ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective |
| ALA 102: Landscapes and Sustainability (HU & G) | AME 430: Mac Development for Media Arts | |
| APH 300: World Architecture I/Western Cultures (HU & H & G) | AME 435: Mobile Development | |
| APH 313: History of Architecture I ((L or HU) & G & H) | AME 470: Programming for Social and Interactive Media | |
| APH 314: History of Architecture II ((L or HU) & G & H) | EEE 307: Signal Processing for Digital Culture | |
| ARA 202: Understanding Photographs | | |
| ARS 102: Art from Renaissance to Modernism (HU & H) | | |
| ARS 345: Art and Television | | |
| ARS 394: Anime | | |
| ARS 438: Art of the 20th Century I (HU & H) | | |
| ARS 439: Art of the 20th Century II (HU & H) | | |
| DCE 300: Dancing Histories (HU) | | |
| DSC 101: Design Awareness (HU & G) | | |
| FMP 294: History of Film & Television Production | | |

| |
|---|
| FMP 403: Independent Film (HU) |
| FMP 405: Film and Television: Pioneers, Practices and Innovations (HU) |
| GRA 111: Graphic Design History I (HU) |
| GRA 112: Graphic Design History II |
| IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) |
| IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU) |
| IND 316: 20th-Century Design I (HU & H) |
| IND 317: 20th-Century Design II (HU & H) |
| INT 111: Interior Design Issues and Theories (HU) |
| INT 310: History of Interior Design I (HU & H) |
| INT 311: History of Interior Design II (HU & H) |
| LAP 311: History of Landscape Architecture (HU & H) |
| LAP 312: 20th-Century Landscape Architecture (HU) |
| MUS 347: Jazz in America (HU & C) |
| MUS 354: Popular Music (HU) |
| MUS 356: Broadway and the American Musical (HU) |
| MUS 362: Rap Music and Hip Hop Culture (HU & C) |
| STS 303: History of Science and Technology (H) |
| THE 320: History of the Theatre I (HU & H) |
| THE 322: Theatre History and Culture (HU & H) |

| Lower Division Design Concentration | Upper Division Design Concentration |
|---|---|
| ALA OR APH OR DSC OR EDS OR GRA OR IND OR INT OR LAP OR LPH Lower Division Elective | APH OR DSC OR EDS OR GRA OR IND OR INT OR LAP OR LPH Upper Division Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Digital Culture (English), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCENBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| *Complete 2 courses:* AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Maintain 3.00 GPA in Digital Culture coursework. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.<br>• Join a student club or professional organization. |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| Lower Division Digital Culture Studies | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | • Build your skills. |
| Lower Division English Concentration Electives Category I | 3 | C | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) ( PHY 101 recommended) | 4 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Complete MAT 210 course. | | |
| Term hours subtotal: | 16 | |

| **Term 4 47 - 62 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | • Digital Media courses are classes that include digital media projects within a trans-disciplinary area of study. See course list below or talk to your advisor for specific course options. |
| *Complete 2 courses:* Lower Division English Concentration Electives Category I | 6 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 5 62 - 78 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | • Build a digital portfolio. |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| *Complete 2 courses:* Upper Division English Concentration Electives Category II | 6 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| **Term 6 78 - 93 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | • Explore an internship. |
| ENG 400: History of Literary Criticism (L or HU) OR ENG 401: Topics in Critical Theory OR ENG 472: Rhetorical Studies (L) | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division English Concentration Electives Category III | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 93 - 108 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AME 485: Digital Culture Capstone I | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.<br>• Gather professional references. |
| Upper Division Digital Culture Studies OR Upper Division Media Engineering Course | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division English Concentration Electives Category III | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 15 |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division English Concentration Electives Category III | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective |
|---|
| AME OR MDC Lower Division Elective |

| Digital Culture Studies Course List |
|---|
| AME 210: Media Editing |
| AME 220: Programming for the Web |
| AME 240: Introduction to Physical Computing |
| AME 244: Introduction to Interactive Environments |
| AME 294: Circuit Bending |
| AME 294: Design Politics |
| AME 294: Soundscape Ecology |
| AME 310: Media Literacies and Composition |
| AME 320: Motion Capture for Integrative Systems |
| AME 330: Digital-Physical Systems |
| AME 333: Improvising Cyborgs |
| AME 394: Special Topics |
| AME 411: Advanced Interactive Sound |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 444: Media Installations |
| AME 470: Programming for Social and Interactive Media |
| AME 494: Special Topics |
| ART 116: Introduction to Digital Media |
| ART 218: 3D Tools |
| ART 378: Digital Textiles |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |

| Digital Media Course List |
|---|
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |
| ART 438: Moving and Interactive Systems in Sculpture |
| ART 440: Experimental Video Art |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |
| CPI 111: Game Development I (CS) |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| EDT 440: Creating and Marketing Mobile Apps |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |
| FMP 255: Media Authorship (CS) |
| FMP 294: Sound Design: From Hollywood to Independent Film |

| | | |
|---|---|---|
| FSH 394: Fashion Design & Wearable Technology | | FMP 394: Non-Linear Editing for Film and Media |
| MDC 211: Introduction to Digital Sound | | GIT 135: Graphic Communications |
| MDC 311: Composing and Performing for Hybrid Ensembles | | GIT 215: Introduction to Web Authoring |
| MDC 411: Advanced Interactive Sound | | GIT 230: Digital Illustration in Publishing |
| | | GRA 294: Illustrator |
| | | GRA 294: InDesign |
| | | GRA 294: Photoshop |
| | | IAP 103: Foundations I: Interdisciplinary Art Practice |
| | | IAP 104: Foundations I: Fundamentals of Sound Art |
| | | IAP 322: Multitrack Digital Recording |
| | | IAP 361: Digital Editing and Media Literacy (CS) |
| | | IAP 364: Documentaries |
| | | IAP 394: Motion Graphics & Animation |
| | | IAP 462: Games and Play |
| | | MDC 311: Composing and Performing for Hybrid Ensembles |

| Media Engineering Course List | English Concentration Electives Category I: Select 3 courses; 9 credits | English Concentration Electives Category II: Select 2 courses; 6 credits |
|---|---|---|
| AME 410: Interactive Materials | ENG 205: Introduction to Writing, Rhetorics and Literacies (L) | ENG 312: English in its Social Setting (L or HU or SB) |
| AME 430: Mac Development for Media Arts | ENG 210: Introduction to Creative Writing | ENG 314: Modern Grammar |
| AME 435: Mobile Development | ENG 213: Introduction to the Study of Language | ENG 403: Semantics |
| AME 470: Programming for Social and Interactive Media | FMS 200: Film and Media History ((L or HU) & H) | ENG 447: Experimental Narrative (HU) |
| EEE 307: Signal Processing for Digital Culture | | FMS 351: Emerging Digital Media |

| English Concentration Electives Category III: Select 3 courses; 9 credits |
|---|
| FMS Upper Division Elective |
| Upper Division ENG Literature class |
| Upper Division ENG Writing, Rhetorics, and/or Literacies class |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Digital Culture (Film), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCFBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | 3 | C | • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| *Complete 2 courses:* AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Maintain 3.00 GPA in Digital Culture coursework. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FMP 201: Film: The Creative Process I (HU) | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMP 280: Introduction to Film and Media Production | 2 | C | • Digital Media courses are classes that include digital media projects within a |
| Digital Media OR Digital Culture Studies | 3 | C | |

| | | |
|---|---|---|
| Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) ( PHY 101 recommended) | 4 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Elective | 1 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Complete MAT 210 course. | | |
| Term hours subtotal: | 16 | |

trans-disciplinary area of study. See course list below or talk to your advisor for specific course options.

- Build your skills.

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | |
| History/Theory Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | |
| Film Concentration | 3 | C | |
| Upper Division Digital Culture Studies OR Related Digital Culture Course | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.
- Build a digital portfolio.

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Film Concentration | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Explore an internship.

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 485: Digital Culture Capstone I | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Film Concentration | 3 | C | |
| Upper Division Related Digital Culture Course OR Upper Division Digital Media | 3 | C | |

- All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.
- Gather professional references.

| | | |
|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Media Engineering | 3 | C | |
| Upper Division Film Concentration | 3 | C | |
| Term hours subtotal: | 12 | | |

- Digital Culture and Concentration coursework: refer to additional notes and program advisor for course selection.

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective |
|---|
| AME OR MDC Lower Division Elective |

| Digital Culture Studies Course List |
|---|
| AME 210: Media Editing |
| AME 220: Programming for the Web |
| AME 240: Introduction to Physical Computing |
| AME 244: Introduction to Interactive Environments |
| AME 294: Circuit Bending |
| AME 294: Design Politics |
| AME 294: Soundscape Ecology |
| AME 310: Media Literacies and Composition |
| AME 320: Motion Capture for Integrative Systems |
| AME 330: Digital-Physical Systems |
| AME 333: Improvising Cyborgs |
| AME 394: Special Topics |
| AME 411: Advanced Interactive Sound |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 444: Media Installations |
| AME 470: Programming for Social and Interactive Media |
| AME 494: Special Topics |
| ART 116: Introduction to Digital Media |
| ART 218: 3D Tools |
| ART 378: Digital Textiles |

| Digital Media Course List |
|---|
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |
| ART 438: Moving and Interactive Systems in Sculpture |
| ART 440: Experimental Video Art |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |
| CPI 111: Game Development I (CS) |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| EDT 440: Creating and Marketing Mobile Apps |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |

DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture

FSH 394: Fashion Design & Wearable Technology

MDC 211: Introduction to Digital Sound

MDC 311: Composing and Performing for Hybrid Ensembles

MDC 411: Advanced Interactive Sound

FMP 255: Media Authorship (CS)

FMP 294: Sound Design: From Hollywood to Independent Film

FMP 394: Non-Linear Editing for Film and Media

GIT 135: Graphic Communications

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| History/Theory Course List |
| --- |
| ALA 100: Introduction to Environmental Design (HU & H & G) |
| ALA 102: Landscapes and Sustainability (HU & G) |
| APH 300: World Architecture I/Western Cultures (HU & H & G) |
| APH 313: History of Architecture I ((L or HU) & G & H) |
| APH 314: History of Architecture II ((L or HU) & G & H) |
| ARA 202: Understanding Photographs |
| ARS 102: Art from Renaissance to Modernism (HU & H) |
| ARS 345: Art and Television |
| ARS 394: Anime |
| ARS 438: Art of the 20th Century I (HU & H) |
| ARS 439: Art of the 20th Century II (HU & H) |

| Media Engineering Course List |
| --- |
| AME 410: Interactive Materials |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 470: Programming for Social and Interactive Media |
| EEE 307: Signal Processing for Digital Culture |

| Related Digital Culture Course List |
| --- |
| ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective |

DCE 300: Dancing Histories (HU)

DSC 101: Design Awareness (HU & G)

FMP 294: History of Film & Television Production

FMP 403: Independent Film (HU)

FMP 405: Film and Television: Pioneers, Practices and Innovations (HU)

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LAP 311: History of Landscape Architecture (HU & H)

LAP 312: 20th-Century Landscape Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU & H)

Film Concentration

FMP 194: Special Topics

FMP 294: Special Topics

FMP 300: Focus on Film

FMP 325: Guerilla VFX

FMP 335: Careers in Film and Media Industry

FMP 345: Cinematography I

FMP 350: Directing for Documentary Media

FMP 370: Producing for Film and Media

FMP 394: Special Topics

FMP 403: Independent Film (HU)

FMP 405: Film and Television: Pioneers, Practices and Innovations (HU)

FMP 445: Cinematography II

FMP 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Digital Culture (Graphic Information Technology), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCTEBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | 3 | C | • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| *Complete 2 courses:* AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Maintain 3.00 GPA in Digital Culture coursework. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.<br>• Students interested in the Animation focus should take GIT 211.<br>• Students interested in the Web focus should take GIT 215.<br>• Join a student club or professional organization. |
| GIT 230: Digital Illustration in Publishing | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 211: Introduction to Video Game Art OR GIT 215: Introduction to Web Authoring | 3 | C | • Build your skills. |

| | | |
|---|---|---|
| TMC 110: Understanding the Enterprise | 3 | C |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) ( PHY 101 recommended) | 4 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Complete MAT 210 course(s). | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | • Digital Media courses are classes that include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.<br>• Students interested in the Animation focus should take GIT 312.<br>• Students interested in the Web focus should take GIT 337. |
| GIT 312: 3-D Computer Graphics Modeling and Representation (CS) OR GIT 337: Web Content Design | 3 | C | |
| Technological Entrepreneurship Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | • Students interested in the Animation focus should take GIT 411.<br>• Students interested in the Web focus should take GIT 414.<br>• Build a digital portfolio. |
| GIT 411: Computer Animation OR GIT 414: Web Site Design and Internet/Web Technologies | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Technological Entrepreneurship Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | • Students interested in the Animation focus should take GIT 314.<br>• Students interested in the Web focus should take GIT 402 or GIT 417.<br>• Explore an internship. |
| GIT 402: New Media Internet Technologies OR GIT 314: Multimedia Design, Planning and Storyboards OR GIT 417: Advanced Web Markup and Scripting | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Digital Media OR Upper Division Digital Culture Studies | 6 | C | |
| Upper Division Technological Entrepreneurship Course | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 485: Digital Culture Capstone I | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not |
| Upper Division Digital Culture Studies OR Media Engineering Course | 3 | C | |

| | | |
|---|---|---|
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C |
| Upper Division Technological Entrepreneurship Course | 3 | C |
| Elective OR AME 484: Internship | 3 | |
| Term hours subtotal: | 15 | |

meeting this GPA requirement, please see your advisor.

- Gather professional references.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Digital Culture Studies OR Upper Division Digital Media OR Media Engineering Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective |
|---|
| AME OR MDC Lower Division Elective |

| Digital Culture Studies Course List |
|---|
| AME 210: Media Editing |
| AME 220: Programming for the Web |
| AME 240: Introduction to Physical Computing |
| AME 244: Introduction to Interactive Environments |
| AME 294: Circuit Bending |
| AME 294: Design Politics |
| AME 294: Soundscape Ecology |
| AME 310: Media Literacies and Composition |
| AME 320: Motion Capture for Integrative Systems |
| AME 330: Digital-Physical Systems |
| AME 333: Improvising Cyborgs |
| AME 394: Special Topics |
| AME 411: Advanced Interactive Sound |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 444: Media Installations |
| AME 470: Programming for Social and Interactive Media |
| AME 494: Special Topics |
| ART 116: Introduction to Digital Media |
| ART 218: 3D Tools |

| Digital Media Course List |
|---|
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |
| ART 438: Moving and Interactive Systems in Sculpture |
| ART 440: Experimental Video Art |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |
| CPI 111: Game Development I (CS) |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| EDT 440: Creating and Marketing Mobile Apps |
| FMP 225: Introduction to Visual Effects |

| | |
|---|---|
| ART 378: Digital Textiles | FMP 240: Introduction to Animation for Film |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 255: Media Authorship (CS) |
| FSH 394: Fashion Design & Wearable Technology | FMP 294: Sound Design: From Hollywood to Independent Film |
| MDC 211: Introduction to Digital Sound | FMP 394: Non-Linear Editing for Film and Media |
| MDC 311: Composing and Performing for Hybrid Ensembles | GIT 135: Graphic Communications |
| MDC 411: Advanced Interactive Sound | GIT 215: Introduction to Web Authoring |
| | GRA 294: Illustrator |
| | GRA 294: InDesign |
| | GRA 294: Photoshop |
| | IAP 103: Foundations I: Interdisciplinary Art Practice |
| | IAP 104: Foundations I: Fundamentals of Sound Art |
| | IAP 322: Multitrack Digital Recording |
| | IAP 361: Digital Editing and Media Literacy (CS) |
| | IAP 364: Documentaries |
| | IAP 394: Motion Graphics & Animation |
| | IAP 462: Games and Play |
| | MDC 311: Composing and Performing for Hybrid Ensembles |

| Media Engineering Course List | Technological Entrepreneurship Course List |
|---|---|
| AME 410: Interactive Materials | OMT 430: Ethical Issues in Technology |
| AME 430: Mac Development for Media Arts | OMT 480: Organizational Effectiveness |
| AME 435: Mobile Development | TEM 230: Creativity and Business Innovation |
| AME 470: Programming for Social and Interactive Media | TEM 330: Systems Innovation |
| EEE 307: Signal Processing for Digital Culture | TEM 431: Innovation Management |
| | TMC 310: Promotion of the Enterprise |
| | TMC 320: Funding the Enterprise |
| | TMC 330: Leading the Enterprise |
| | TMC 430: Enterprise Strategy and Innovation |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Digital Culture (Interdisciplinary Arts and Performance), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDCIAPBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | 3 | C | • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses.<br>• Mathematics Placement Assessment score determines placement in mathematics course.<br>• ASU 101 or college specific equivalent First Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| *Complete 2 courses:*<br>AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Maintain 3.00 GPA in Digital Culture coursework. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.<br>• Join a student club or professional organization. |
| IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU) | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | |
| Interdisciplinary Arts and Performance Concentration | 3 | C | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) ( PHY 101 recommended) | 4 | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Complete MAT 210 course(s). | | |
| Term hours subtotal: | 16 | |

- Digital Media courses are classes that include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.
- Build your skills.

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | |
| *Complete 2 courses:* Interdisciplinary Arts and Performance Concentration | 6 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | • Build a digital portfolio. |
| IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU) | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Interdisciplinary Arts and Performance Concentration | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | • Explore an internship. |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| *Complete 2 courses:* Upper Division Interdisciplinary Arts and Performance Concentration | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 485: Digital Culture Capstone I | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. |
| Upper Division Digital Culture Studies OR Media Engineering Course | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Interdisciplinary Arts and Performance Concentration | 3 | C | • Gather professional references. |

| | | |
|---|---|---|
| Elective OR AME 484: Internship | 3 | |
| Term hours subtotal: | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Interdisciplinary Arts and Performance Concentration | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective |
|---|
| AME OR MDC Lower Division Elective |

| Digital Culture Studies Course List |
|---|
| AME 210: Media Editing |
| AME 220: Programming for the Web |
| AME 240: Introduction to Physical Computing |
| AME 244: Introduction to Interactive Environments |
| AME 294: Circuit Bending |
| AME 294: Design Politics |
| AME 294: Soundscape Ecology |
| AME 310: Media Literacies and Composition |
| AME 320: Motion Capture for Integrative Systems |
| AME 330: Digital-Physical Systems |
| AME 333: Improvising Cyborgs |
| AME 394: Special Topics |
| AME 411: Advanced Interactive Sound |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 444: Media Installations |
| AME 470: Programming for Social and Interactive Media |
| AME 494: Special Topics |
| ART 116: Introduction to Digital Media |
| ART 218: 3D Tools |
| ART 378: Digital Textiles |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |

| Digital Media Course List |
|---|
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |
| ART 438: Moving and Interactive Systems in Sculpture |
| ART 440: Experimental Video Art |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |
| CPI 111: Game Development I (CS) |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| EDT 440: Creating and Marketing Mobile Apps |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |
| FMP 255: Media Authorship (CS) |
| FMP 294: Sound Design: From Hollywood to Independent Film |

| |
|---|
| FSH 394: Fashion Design & Wearable Technology |
| MDC 211: Introduction to Digital Sound |
| MDC 311: Composing and Performing for Hybrid Ensembles |
| MDC 411: Advanced Interactive Sound |

| |
|---|
| FMP 394: Non-Linear Editing for Film and Media |
| GIT 135: Graphic Communications |
| GIT 215: Introduction to Web Authoring |
| GIT 230: Digital Illustration in Publishing |
| GRA 294: Illustrator |
| GRA 294: InDesign |
| GRA 294: Photoshop |
| IAP 103: Foundations I: Interdisciplinary Art Practice |
| IAP 104: Foundations I: Fundamentals of Sound Art |
| IAP 322: Multitrack Digital Recording |
| IAP 361: Digital Editing and Media Literacy (CS) |
| IAP 364: Documentaries |
| IAP 394: Motion Graphics & Animation |
| IAP 462: Games and Play |
| MDC 311: Composing and Performing for Hybrid Ensembles |

| Media Engineering Course List |
|---|
| AME 410: Interactive Materials |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 470: Programming for Social and Interactive Media |
| EEE 307: Signal Processing for Digital Culture |

| Interdisciplinary Arts and Performance Concentration Course List |
|---|
| IAP 102: Foundations I: Performance Techniques and Composition |
| IAP 103: Foundations I: Interdisciplinary Art Practice |
| IAP 104: Foundations I: Fundamentals of Sound Art |
| IAP 105: Foundations I: Fundamentals of Visual Art |
| IAP 307: Art and War (HU & G) |
| IAP 321: Music Composition I |
| IAP 322: Multitrack Digital Recording |
| IAP 324: The Voice and Performance |
| IAP 325: Sound Performance: Exploring Alternative Performance Groups |
| IAP 333: Directing for Performance |
| IAP 354: Visual Representation |
| IAP 361: Digital Editing and Media Literacy (CS) |
| IAP 363: Sound, Image, and Media |

IAP 365: Digital Interactivity

IAP 375: Contemporary Performance: Theories and Practice

IAP 394: Special Topics

IAP 431: Perspectives on Performance and Acting

IAP 441: Movement for Performance

IAP 464: Media and Diversity (HU & G)

IAP 466: Digital Interactivity, Advanced

IAP 468: Digital Graphic Applications

IAP 469: Advanced Audio Production

IAP 471: Language, Culture, and Performance (L or HU)

IAP 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Digital Culture (Media Processing), BS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCMPBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| *Complete 2 courses:* AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Maintain 3.00 GPA in Major Courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.<br>• Join a student club or professional organization. |
| CSE 110: Principles of Programming (CS) | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CPI 111: Game Development I (CS) OR CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Build your skills. |
| Digital Culture Studies | 3 | C | |

| | | |
|---|---|---|
| MAT 243: Discrete Mathematical Structures | 3 | C |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) ( PHY 101 recommended) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

| **Term 4 47 - 62 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Digital Culture Studies | 3 | C | • Look into Study Abroad options. |
| CPI 211: Game Development II OR CSE 240: Introduction to Programming Languages | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 5 62 - 78 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Digital Culture Studies | 6 | C | • Keep good documentation of all your projects. |
| CPI 360: Decision Making and Problem Solving OR CSE 310: Data Structures and Algorithms OR CPI 311: Game Engine Development | 3 | C | |
| Media Processing Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| **Term 6 78 - 93 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Media Processing Elective | 3 | C | • Build a digital portfolio.<br>• Explore an internship. Any internship approved for AME 484 Internship credit will automatically fulfill AME 486 Capstone II. |
| Upper Division Media Processing Elective | 3 | C | |
| *Complete 2 courses:* Upper Division Digital Culture Studies OR Upper Division Digital Media | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 93 - 108 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AME 485: Digital Culture Capstone I | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.<br>• Gather professional references. |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Media Engineering | 3 | C | |
| Upper Division Media Processing Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 8 108 - 120 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | AME 486: Digital Culture Capstone II OR AME 484: Internship | 3 | C |
| | Upper Division Digital Culture Studies OR Upper Division Digital Media | 3 | C |
| | Upper Division Media Processing Elective | 3 | C |
| | Elective | 3 | |
| | Term hours subtotal: | 12 | |

- Start applying for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective |
|---|
| AME OR MDC Lower Division Elective |

| Digital Culture Studies Course List |
|---|
| AME 210: Media Editing |
| AME 220: Programming for the Web |
| AME 240: Introduction to Physical Computing |
| AME 244: Introduction to Interactive Environments |
| AME 294: Circuit Bending |
| AME 294: Design Politics |
| AME 294: Soundscape Ecology |
| AME 310: Media Literacies and Composition |
| AME 320: Motion Capture for Integrative Systems |
| AME 330: Digital-Physical Systems |
| AME 333: Improvising Cyborgs |
| AME 394: Special Topics |
| AME 411: Advanced Interactive Sound |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 444: Media Installations |
| AME 470: Programming for Social and Interactive Media |
| AME 494: Special Topics |
| ART 116: Introduction to Digital Media |
| ART 218: 3D Tools |
| ART 378: Digital Textiles |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| FSH 394: Fashion Design & Wearable Technology |
| MDC 211: Introduction to Digital Sound |

| Digital Media Course List |
|---|
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |
| ART 438: Moving and Interactive Systems in Sculpture |
| ART 440: Experimental Video Art |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |
| CPI 111: Game Development I (CS) |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| EDT 440: Creating and Marketing Mobile Apps |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |
| FMP 255: Media Authorship (CS) |
| FMP 294: Sound Design: From Hollywood to Independent Film |
| FMP 394: Non-Linear Editing for Film and Media |
| GIT 135: Graphic Communications |
| GIT 215: Introduction to Web Authoring |

| | |
|---|---|
| MDC 311: Composing and Performing for Hybrid Ensembles | GIT 230: Digital Illustration in Publishing |
| MDC 411: Advanced Interactive Sound | GRA 294: Illustrator |
| | GRA 294: InDesign |
| | GRA 294: Photoshop |
| | IAP 103: Foundations I: Interdisciplinary Art Practice |
| | IAP 104: Foundations I: Fundamentals of Sound Art |
| | IAP 322: Multitrack Digital Recording |
| | IAP 361: Digital Editing and Media Literacy (CS) |
| | IAP 364: Documentaries |
| | IAP 394: Motion Graphics & Animation |
| | IAP 462: Games and Play |
| | MDC 311: Composing and Performing for Hybrid Ensembles |

| Media Engineering | Media Processing Electives |
|---|---|
| AME 410: Interactive Materials | CPI 211: Game Development II |
| AME 430: Mac Development for Media Arts | CPI 221: Advanced Object-Oriented Principles Using Java or CPI 310: Web-Based Information Management Systems |
| AME 435: Mobile Development | CPI 321: Fundamentals of Game Art |
| AME 470: Programming for Social and Interactive Media | CPI 394: Special Topics |
| EEE 307: Signal Processing for Digital Culture | CPI 411: Graphics for Games |
| | CPI 421: 3-D Modeling and Texturing |
| | CPI 462: Design for Learning in Virtual Worlds |
| | CPI 494: Special Topics |
| | CSE 205: Object-Oriented Programming and Data Structures (CS) |
| | CSE 220: Programming for Computer Engineering |
| | CSE 240: Introduction to Programming Languages |
| | CSE 360: Introduction to Software Engineering |
| | CSE 394: Special Topics |
| | CSE 463: Introduction to Human Computer Interaction |
| | CSE 470: Computer Graphics |
| | CSE 494: Special Topics |

IAP 362: Games and Narratology

IAP 462: Games and Play

IEE 431: Engineering Administration (L)

SER 431: Advanced Graphics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Digital Culture (Music), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCMBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | 3 | C | • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| *Complete 2 courses:* AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Maintain 3.00 GPA in Digital Culture coursework. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.<br>• MTC 125 is only offered in the fall term and requires a placement diagnostic exam. Please see the your advisor to prepare this term to be able to take this course in the fall semester.<br>• Join a student club or professional organization. |
| MUS 100: Fundamentals of Music Notation OR MTC 125: Basic Music Theory | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | |

| | | |
|---|---|---|
| Music Production Elective | 3 | C |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) ( PHY 101 recommended) | 4 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Complete MAT 210 course. | | |
| Term hours subtotal: | 16 | |

- Digital Media courses are classes that include digital media projects within a trans-disciplinary area of study. See the course list below or talk to your advisor for specific course options.
- Build your skills.

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | |
| MUS OR MUP OR MUE OR MTC Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Culture Studies OR Related Digital Culture Course | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| History/Theory Course | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

- Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.
- Build a digital portfolio.

| Term 6 78 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | |
| MTC 436: Electronic Studio Techniques I OR MTC 437: Electronic Studio Techniques II OR MUE 441: Psychology of Music OR MUP 319: Advanced Audio Engineering in the Arts | 2-3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14-15 | | |

- If you take MTC 436, MTC 437, or MUP 319 (2 credits each) in this term, you will need to complete one additional hour (or 4 hours total) of MUS OR MUP OR MUE OR MTC Upper Division Elective in term 8.
- Explore an internship.

| Term 7 92 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 485: Digital Culture Capstone I | 3 | C | |
| MUS 354: Popular Music (HU) OR MUS 362: Rap Music and Hip Hop Culture (HU & C) | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Related Digital Culture Course | 3 | C | |

- All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.

| | | |
|---|---|---|
| Upper Division Elective | 3 | |
| Term hours subtotal: | 15 | |

- Any MUS 354 topic can be used to fulfill the concentration requirement.
- Gather professional references.

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade |
|---|---|---|
| ★ AME 486: Digital Culture Capstone II | 3 | C |
| MUS OR MUP OR MUE OR MTC Upper Division Elective | 4-3 | C |
| Upper Division Digital Culture Studies | 3 | C |
| Upper Division Media Engineering | 3 | C |
| Term hours subtotal: | 13-12 | |

- If you took MTC 436, MUP 319 or MTC 437 in term 6, you will need to complete one additional hour (or 4 hours total) of MUS OR MUP OR MUE OR MTC Upper Division Elective in term 8.

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective |
|---|
| AME OR MDC Lower Division Elective |

| Digital Culture Studies Course List |
|---|
| AME 210: Media Editing |
| AME 220: Programming for the Web |
| AME 240: Introduction to Physical Computing |
| AME 244: Introduction to Interactive Environments |
| AME 294: Circuit Bending |
| AME 294: Design Politics |
| AME 294: Soundscape Ecology |
| AME 310: Media Literacies and Composition |
| AME 320: Motion Capture for Integrative Systems |
| AME 330: Digital-Physical Systems |
| AME 333: Improvising Cyborgs |
| AME 394: Special Topics |
| AME 411: Advanced Interactive Sound |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 444: Media Installations |
| AME 470: Programming for Social and Interactive Media |
| AME 494: Special Topics |
| ART 116: Introduction to Digital Media |
| ART 218: 3D Tools |
| ART 378: Digital Textiles |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |

| Digital Media Course List |
|---|
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |
| ART 438: Moving and Interactive Systems in Sculpture |
| ART 440: Experimental Video Art |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |
| CPI 111: Game Development I (CS) |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| EDT 440: Creating and Marketing Mobile Apps |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |
| FMP 255: Media Authorship (CS) |

| | | |
|---|---|---|
| FSH 394: Fashion Design & Wearable Technology | | FMP 294: Sound Design: From Hollywood to Independent Film |
| MDC 211: Introduction to Digital Sound | | FMP 394: Non-Linear Editing for Film and Media |
| MDC 311: Composing and Performing for Hybrid Ensembles | | GIT 135: Graphic Communications |
| MDC 411: Advanced Interactive Sound | | GIT 215: Introduction to Web Authoring |
| | | GIT 230: Digital Illustration in Publishing |
| | | GRA 294: Illustrator |
| | | GRA 294: InDesign |
| | | GRA 294: Photoshop |
| | | IAP 103: Foundations I: Interdisciplinary Art Practice |
| | | IAP 104: Foundations I: Fundamentals of Sound Art |
| | | IAP 322: Multitrack Digital Recording |
| | | IAP 361: Digital Editing and Media Literacy (CS) |
| | | IAP 364: Documentaries |
| | | IAP 394: Motion Graphics & Animation |
| | | IAP 462: Games and Play |
| | | MDC 311: Composing and Performing for Hybrid Ensembles |

| History/Theory Course List | Media Engineering Course List | Related Digital Culture Course List |
|---|---|---|
| ALA 100: Introduction to Environmental Design (HU & H & G) | AME 410: Interactive Materials | ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective |
| ALA 102: Landscapes and Sustainability (HU & G) | AME 430: Mac Development for Media Arts | |
| APH 300: World Architecture I/Western Cultures (HU & H & G) | AME 435: Mobile Development | |
| APH 313: History of Architecture I ((L or HU) & G & H) | AME 470: Programming for Social and Interactive Media | |
| APH 314: History of Architecture II ((L or HU) & G & H) | EEE 307: Signal Processing for Digital Culture | |
| ARA 202: Understanding Photographs | | |
| ARS 102: Art from Renaissance to Modernism (HU & H) | | |
| ARS 345: Art and Television | | |
| ARS 394: Anime | | |
| ARS 438: Art of the 20th Century I (HU & H) | | |
| ARS 439: Art of the 20th Century II (HU & H) | | |
| DCE 300: Dancing Histories (HU) | | |

DSC 101: Design Awareness (HU & G)

FMP 294: History of Film & Television Production

FMP 403: Independent Film (HU)

FMP 405: Film and Television: Pioneers, Practices and Innovations (HU)

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LAP 311: History of Landscape Architecture (HU & H)

LAP 312: 20th-Century Landscape Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU & H)

Music Production Elective Course List

MUS 294: Producing Hip Hop and Dance Music I

MUS 294: Rock Band

MUS 294: Song Production with Garage Band

MUS 294: Songwriting

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Digital Culture (Theatre), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIDGCTBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| *Complete 2 courses:* AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Maintain 3.00 GPA in Digital Culture coursework. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.<br>• Students interested in costuming should take THP 214. All others should take THP 213.<br>• Join a student club or professional organization. |
| THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming | 4 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 215: Design and Composition for Theatre and Film (HU) | 3 | C | |
| Digital Media OR Digital Culture Studies | 3 | C | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) ( PHY 101 recommended) | 4 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Complete MAT 210 course. | | |
| Term hours subtotal: | 16 | |

- Digital Media courses are classes that include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.
- Build your skills.

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Digital Media OR Digital Culture Studies | 3 | C | |
| History/Theory Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Culture Studies OR Related Digital Culture Course | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Theatre Design Course I | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

- Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.
- Build a digital portfolio.

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Media OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Upper Division Theatre Design Course II | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Students may take THP 301 with department consent, however it will need to be taken 3 times to fulfill a Theatre Design Course II requirement.
- Explore an internship.

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AME 485: Digital Culture Capstone I | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Related Digital Culture Course OR Upper Division Digital Media | 3 | C | |
| Upper Division Theatre Design Course I | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

- All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.
- Gather professional references.

| | |
|---|---|
| Term hours subtotal: | 15 |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AME 486: Digital Culture Capstone II | 3 | C | • Students may take THP 301 with department consent, however it will need to be taken 3 times to fulfill a Theatre Design Course II requirement. |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Media Engineering | 3 | C | |
| Upper Division Theatre Design Course II | 3 | C | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective |
|---|
| AME OR MDC Lower Division Elective |

| Digital Culture Studies Course List |
|---|
| AME 210: Media Editing |
| AME 220: Programming for the Web |
| AME 240: Introduction to Physical Computing |
| AME 244: Introduction to Interactive Environments |
| AME 294: Circuit Bending |
| AME 294: Design Politics |
| AME 294: Soundscape Ecology |
| AME 310: Media Literacies and Composition |
| AME 320: Motion Capture for Integrative Systems |
| AME 330: Digital-Physical Systems |
| AME 333: Improvising Cyborgs |
| AME 394: Special Topics |
| AME 411: Advanced Interactive Sound |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| AME 444: Media Installations |
| AME 470: Programming for Social and Interactive Media |
| AME 494: Special Topics |
| ART 116: Introduction to Digital Media |
| ART 218: 3D Tools |
| ART 378: Digital Textiles |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| FSH 394: Fashion Design & Wearable Technology |

| Digital Media Course List |
|---|
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 308: 2D Digital Animation |
| ART 312: Illustration |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |
| ART 438: Moving and Interactive Systems in Sculpture |
| ART 440: Experimental Video Art |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |
| CPI 111: Game Development I (CS) |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| EDT 440: Creating and Marketing Mobile Apps |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |
| FMP 255: Media Authorship (CS) |
| FMP 294: Sound Design: From Hollywood to Independent Film |
| FMP 394: Non-Linear Editing for Film and Media |

| | | |
|---|---|---|
| | MDC 211: Introduction to Digital Sound | GIT 135: Graphic Communications |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 215: Introduction to Web Authoring |
| | MDC 411: Advanced Interactive Sound | GIT 230: Digital Illustration in Publishing |
| | | GRA 294: Illustrator |
| | | GRA 294: InDesign |
| | | GRA 294: Photoshop |
| | | IAP 103: Foundations I: Interdisciplinary Art Practice |
| | | IAP 104: Foundations I: Fundamentals of Sound Art |
| | | IAP 322: Multitrack Digital Recording |
| | | IAP 361: Digital Editing and Media Literacy (CS) |
| | | IAP 364: Documentaries |
| | | IAP 394: Motion Graphics & Animation |
| | | IAP 462: Games and Play |
| | | MDC 311: Composing and Performing for Hybrid Ensembles |

| History/Theory Course List | Media Engineering Course List | Related Digital Culture Course List |
|---|---|---|
| ALA 100: Introduction to Environmental Design (HU & H & G) | AME 410: Interactive Materials | ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective |
| ALA 102: Landscapes and Sustainability (HU & G) | AME 430: Mac Development for Media Arts | |
| APH 300: World Architecture I/Western Cultures (HU & H & G) | AME 435: Mobile Development | |
| APH 313: History of Architecture I ((L or HU) & G & H) | AME 470: Programming for Social and Interactive Media | |
| APH 314: History of Architecture II ((L or HU) & G & H) | EEE 307: Signal Processing for Digital Culture | |
| ARA 202: Understanding Photographs | | |
| ARS 102: Art from Renaissance to Modernism (HU & H) | | |
| ARS 345: Art and Television | | |
| ARS 394: Anime | | |
| ARS 438: Art of the 20th Century I (HU & H) | | |
| ARS 439: Art of the 20th Century II (HU & H) | | |
| DCE 300: Dancing Histories (HU) | | |
| DSC 101: Design Awareness (HU & G) | | |
| FMP 294: History of Film & Television Production | | |

FMP 403: Independent Film (HU)

FMP 405: Film and Television: Pioneers, Practices and Innovations (HU)

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LAP 311: History of Landscape Architecture (HU & H)

LAP 312: 20th-Century Landscape Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU & H)

| Upper Division Theatre Design I Course List | Upper Division Theatre Design II Course List |
| --- | --- |
| THP 330: Costume Design | THP 301: Theatre Production |
| THP 340: Scene Design | THP 335: Advanced Stagecraft |
| THP 345: Lighting Design | THP 431: Advanced Costume Construction |
| THP 350: Sound Design | THP 442: Rendering for Design and Production |
| THP 355: Media Design for Performance | THP 444: Drafting for the Stage |
| THP 435: Technical Direction | THP 448: AutoCAD for Live Entertainment |
| THP 450: Theatre Organization and Management | THP 494: Materials for the Stage |

| | |
|---|---|
| THP 494: Art Direction | THP 494: Rigging for the Stage |
| | THP 494: Structural and Mechanical Design for the Stage |
| | THP 494: Vectorworks |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Environmental Design, BS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIEDSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DSC 100: ASU Design Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. DSC 100 fulfills this requirement.<br>• Join a student club or professional organization |
| Design Culture and Literacy I | 3 | C | |
| Design Fundamentals and Principles I | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Design Culture and Literacy II | 3 | C | • Please work with your academic advisor for Social and Behavioral Sciences (SB) General Studies course options related to your focus area. |
| Design Fundamentals and Principles II | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Main Focus Area Elective | 3 | C | |
| Social-Behavioral Sciences (SB) ( PSY 101 recommended) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDS 223: Design Thinking | 3 | C | • Develop your professional online presence.<br>• The following courses are recommended to fulfill the Natural Science - Quantitative (SQ) requirement: BIO 100, OR PHY 101, OR PHY 111 and 113, OR GPH 111 and 112. |
| SOS 100: Introduction to Sustainability (G) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( INT 121 OR CIS 105 recommended) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDS 200: Design Literacy and Communication | 3 | C | |
| Main Focus Area Elective | 3 | C | |
| Literacy and Critical Inquiry (L) AND Historical Awareness (H) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 440: Finding Purpose | 3 | C | • Develop your skills. |
| Upper Division Design History | 3 | C | |
| *Complete 2 courses:* Upper Division Main Focus Area Elective | 6 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 301: Writing for the Professions (L) | 3 | | • Complete an in person or virtual practice interview |
| Upper Division Design Entrepreneurship | 3 | C | |
| Upper Division Design History | 3 | C | |
| Upper Division Main Focus Area Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDS 301: Sustainable Community Design and Practices | 3 | C | • Gather professional references |
| EDS 401: Environmental Design Synthesis I | 3 | C | |
| Upper Division Main Focus Area Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDS 402: Environmental Design Synthesis II | 3 | C | |
| Upper Division Main Focus Area Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Design Culture and Literacy I Course List (choose 1 course; 3 hours) | Design Fundamentals and Principles I Course List (choose 1 course; 3 hours) | Design Entrepreneurship (choose 1 course; 3 hours) |
|---|---|---|
| ALA 100: Introduction to Environmental Design (HU & H & G) | ALA 121: Design Fundamentals I | DSC 394: Design Entrepreneurship & Society |
| ALA 102: Landscapes and Sustainability (HU & G) | GRA 121: Principles for Graphic Design I | DSC 494: Practice Management |
| DSC 101: Design Awareness (HU & G) | IND 120: Drawing for Industrial Design | |
| GRA 101: Designing Life | INT 120: Design Fundamentals I | |
| GRA 111: Graphic Design History I (HU) | INT 121: Introduction to Computer Modeling for Interior Design (CS) | |
| GRA 112: Graphic Design History II | | |
| INT 111: Interior Design Issues and Theories (HU) | | |

| Design Culture and Literacy II Course List (choose 1 course; 3 hours) | Design Fundamentals and Principles II Course List (choose 1 course; 3-4 hours) | Design History Elective (Choose 2 courses; 6 hours) |
|---|---|---|
| ALA 100: Introduction to Environmental Design (HU & H & G) | ALA 122: Design Fundamentals II AND ALA 124: Design Fundamentals II Lecture | APH 300: World Architecture I/Western Cultures (HU & H & G) or APH 313: History of Architecture I ((L or HU) & G & H) |
| ALA 102: Landscapes and Sustainability (HU & G) | GRA 122: Principles for Graphic Design II | APH 314: History of Architecture II ((L or HU) & G & H) |
| COM 100: Introduction to Human Communication (SB) | GRA 225: Communication/Interaction Design Theory | APH 405: Contemporary Architecture and Urbanism 1970 to the Present (HU & H) |
| COM 110: Elements of Interpersonal Communication (SB) | GRA 294: Dynamic Visual Representation | APH 414: Great Cities ((L or HU) & H) |
| CON 101: Construction and Culture: a Built Environment (HU & H) | IND 121: Principles for Industrial Design I AND IND 122: Principles for Industrial Design II | APH 461: Charles and Ray Eames (HU) |
| DSC 101: Design Awareness (HU & G) | INT 123: Introduction to Computer-Aided Design and Building Information Modeling | APH 494: The Image of Rome |
| GRA 101: Designing Life | INT 122: Principles of Design AND INT 124: Design Fundamentals II Lecture | IND 316: 20th-Century Design I (HU & H) |
| GRA 111: Graphic Design History I (HU) | | IND 317: 20th-Century Design II (HU & H) |
| GRA 112: Graphic Design History II | | INT 310: History of Interior Design I (HU & H) |
| INT 111: Interior Design Issues and Theories (HU) | | INT 311: History of Interior Design II (HU & H) |
| INT 131: Design and Human Behavior (SB) | | INT 415: Latin American Design |
| PHI 103: Principles of Sound Reasoning (L or HU) | | INT 494: Contemporary Design Issues in Europe |
| PHI 105: Intro to Ethics (HU) | | INT 494: Design and Context |
| | | LAP 311: History of Landscape Architecture (HU & H) |
| | | LAP 312: 20th-Century Landscape Architecture (HU) |
| | | LAP 485: International Field Studies (G) |

| Design Management, Innovation and Strategy Focus (Choose 7 courses; 21 hours in the main focus area) |
| --- |
| ACC 382: Accounting and Financial Analysis |
| ARA 396: Professional Practices for Design and the Arts |
| COM 100: Introduction to Human Communication (SB) |
| COM 110: Elements of Interpersonal Communication (SB) |
| COM 225: Public Speaking (L) |
| COM 230: Small Group Communication (SB) |
| COM 250: Communication and the Workplace (SB) |
| COM 259: Communication in Business and the Professions |
| COM 263: Elements of Intercultural Communication (SB & C & G) |
| COM 312: Communication, Conflict, and Negotiation |
| CON 294: Deductive Logic, Leadership/Management Techniques |
| CON 494: Facilities Management Operations and Maintenance |
| DSC 494: Economics of Building Design |
| DSC 494: Practice Management |
| ECN 211: Macroeconomic Principles (SB) |
| ECN 212: Microeconomic Principles (SB) |
| ECN 382: Managerial Economics |
| EDS 484: Internship |
| ENT 290: Entrepreneurship: Opportunity to Impact |
| FIN 380: Personal Financial Management |
| GRA 345: Design Rhetoric (L) |
| GRA 401: Creative Environment |
| HDA 210: Creativity and Innovation in Design and the Arts |
| HDA 252: Foundations Arts and Design Entrepreneurship |
| HDA 420: Design and the Arts Business Administration |
| IND 242: Materials and Design |

| Design, Environment and Sustainability Focus (Choose 7 courses; 21 hours in the main focus area) |
| --- |
| ATE 361: Architectural Technology I |
| ATE 362: Architectural Technology II |
| ATE 452: Architectural Technology III |
| CON 294: Deductive Logic, Leadership/Management Techniques |
| DSC 494: Economics of Building Design |
| EDS 484: Internship |
| GRA 401: Creative Environment |
| IND 242: Materials and Design |
| IND 344: Human Factors in Design |
| INT 341: Interior Codes: Public Welfare and Safety |
| INT 351: Ambient Environment |
| INT 471: Facilities Management |
| LAP 251: Plant Materials for Sustainable Landscapes |
| LAP 341: Landscape Construction I |
| LAP 342: Landscape Construction II |
| PHI 103: Principles of Sound Reasoning (L or HU) |
| PHI 105: Intro to Ethics (HU) |
| PHI 360: Business and Professional Ethics (HU) |
| PUP 301: Introduction to Urban Planning (L) |
| PUP 363: History of Planning |
| PUP 420: Theory of Urban Design (HU) |
| SOS 111: Sustainable Cities ((HU or SB) & G) |
| SOS 300: Advanced Concepts and Integrated Approaches in Sustainability |
| SOS 320: Society and Sustainability (L or SB) |
| SOS 323: Sustainable Urban Dynamics |
| SOS 324: Sustainable Energy Technology and Systems |
| SOS 325: The Economics of Sustainability |

IND 344: Human Factors in Design

IND 354: Principles of Product Design

INT 471: Facilities Management

INT 472: Professional Practice for Interior Design

LES 380: Consumer Perspective of Business Law

MGT 380: Management and Strategy for Nonmajors

MKT 390: Essentials of Marketing

MKT 391: Essentials of Selling

MKT 395: Essentials of Advertising and Marketing Communication

PHI 103: Principles of Sound Reasoning (L or HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

PHI 360: Business and Professional Ethics (HU)

SOC 324: Work and the Workplace (SB & H)

THP 452: Arts Entrepreneurship Seminar

TWC 301: Fundamentals of Writing for Digital Media (L)

TWC 347: Written Communication for Managers (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Fashion - Fashion Business Management, BA

School/College: Herberger Institute for Design and the Arts
Location: Downtown Phoenix campus, Tempe campus
HIFSHBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors only.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ART 110: Drawing as Seeing and Thinking (HU) | 3 | C | |
| FSH 125: Survey of the Fashion Industry OR FSH 201: Textiles Survey | 3 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ARS course (HU) ( ARS 100 recommended) | 3 | C | |
| FSH 125: Survey of the Fashion Industry OR FSH 201: Textiles Survey | 3 | C | |
| INT 121: Introduction to Computer Modeling for Interior Design (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 202: Fashion Construction | 3 | C | |
| FSH 203: Fashion Illustration | 3 | C | |
| FSH 208: Fashion Technology | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 204: Social Aspects of Fashion (L or HU or SB) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| FSH 206: Fashion Design | 3 | C | |
| FSH 280: Fashion Merchandising | 3 | C | |
| THE 430: History of Fashion I (HU) OR THE 431: History of Fashion II: 20th-Century Fashion | 3 | C | |
| Fashion Business Management Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | |
| FSH 300: Global Fashion Industry (G) | 3 | C | |
| THE 430: History of Fashion I (HU) OR THE 431: History of Fashion II: 20th-Century Fashion | 3 | C | |
| *Complete 2 courses:* Fashion Business Management Elective | 6 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 397: Fashion Capstone Development | 1 | C | • During FSH 397, students will work with a faculty mentor to develop their individual capstone project. Projects may range from an academic thesis to an applied project (or any combination of both). Students will execute their planned project the following semester to earn FSH 497 credit.<br>• Create a first draft resume. |
| ARA 396: Professional Practices for Design and the Arts OR FSH 394: Branding for Future Fashion Professionals | 3 | C | |
| FSH 435: Contemporary Fashion (L or HU) | 3 | C | |
| Upper Division Fashion Profesional Practices | 1 | C | |
| *Complete 2 courses:* Upper Division Fashion Business Management Elective | 6 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 497: Fashion Capstone | 3 | C | • Gather professional references.<br>• Explore an internship; complete Internship Application Form to request course credit. |
| FSH 484: Internship | 3 | C | |
| Upper Division Fashion Business Management Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 497: Fashion Capstone OR Upper Division Business Management Elective OR ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | • Research employment opportunities. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 4 | | |

| | |
|---|---|
| Elective | 3 |
| Term hours subtotal: | 13 |

Hide Course List(s)/Track Group(s)

| Fashion Business Management (18 credits; 9 credits must be Upper Division) |
|---|
| Choose 2 courses (6 credits) from FSH Business Topics: |
| FSH 394: Fashion Entrepreneurship |
| FSH 394: Fashion Styling |
| FSH 394: Fashion Visual Merchandising |
| FSH 394: PR for Fashion |
| Select an additional 4 courses (12 credits): |
| ACC Elective |
| DSC 394: Design Entrepreneurship & Society |
| ECN Elective |
| ENG 301: Writing for the Professions (L) |
| ENT Elective |
| FIN Elective |
| FSH 394: Fashion Entrepreneurship |
| FSH 394: Fashion Styling |
| FSH 394: Fashion Visual Merchandising |
| FSH 394: PR for Fashion |
| HDA 252: Foundations Arts and Design Entrepreneurship |
| LES 380: Consumer Perspective of Business Law |
| MCO Elective |
| MGT Elective |
| MKT Elective |
| OGL Elective |
| THP 351: Arts Management |
| TWC 347: Written Communication for Managers (L) |

| Fashion Professional Practices |
|---|
| ARA 396: Professional Practices for Design and the Arts |
| FSH 394: Professional Practices for Fashion |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Fashion - Fashion Design, BA

School/College: Herberger Institute for Design and the Arts
Location: Downtown Phoenix campus, Tempe campus
HIFSHBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors only.<br>• Join a student club or professional organization. |
| ART 110: Drawing as Seeing and Thinking (HU) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSH 125: Survey of the Fashion Industry OR FSH 201: Textiles Survey | 3 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSH 125: Survey of the Fashion Industry OR FSH 201: Textiles Survey | 3 | C | |
| FSH 202: Fashion Construction | 3 | C | |
| INT 121: Introduction to Computer Modeling for Interior Design (CS) | 3 | C | |
| ART Elective ( ART 113 OR ART 214 recommended) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 203: Fashion Illustration | 3 | C | |
| FSH 206: Fashion Design | 3 | C | |
| FSH 208: Fashion Technology | 3 | C | |
| ARS course (HU) ( ARS 100 recommended) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 204: Social Aspects of Fashion (L or HU or SB) | 3 | C | • Build your professional connections -- join the ASU Mentor Network<br>• Students are recommended to complete FSH 394: Fashion Construction II and FSH 394: Fashion Design II for their Upper Division Fashion Design Focus courses. |
| FSH 280: Fashion Merchandising | 3 | C | |
| THE 430: History of Fashion I (HU) OR THE 431: History of Fashion II: 20th-Century Fashion | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Fashion Design Focus | 6 | C | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Fashion Business Management Elective | 3 | C | • Students are recommended to complete FSH 394: Fashion Illustration II and FSH 394: Fashion Technology II for their Upper Division Fashion Design courses. |
| FSH 300: Global Fashion Industry (G) | 3 | C | |
| THE 430: History of Fashion I (HU) OR THE 431: History of Fashion II: 20th-Century Fashion | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Fashion Design Focus | 6 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 396: Professional Practices for Design and the Arts OR FSH 394: Branding for Future Fashion Professionals | 3 | C | • Students are recommended to complete FSH 394: Fashion Collection Development for their Upper Division Fashion Design Focus course.<br>• Create a first draft resume. |
| FSH 397: Fashion Capstone Development | 1 | C | |
| FSH 435: Contemporary Fashion (L or HU) | 3 | C | |
| Upper Division Fashion Professional Practices | 1 | C | |
| Upper Division Fashion Design Focus | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 497: Fashion Capstone | 3 | C | • Gather professional references.<br>• Explore an internship; complete Internship Application Form to request course credit. |
| FSH 484: Internship | 3 | C | |
| Upper Division Fashion Design Focus | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 13 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 497: Fashion Capstone | 3 | C | • Research employment opportunities. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Fashion Design Focus (18 credits) | Fashion Business Management (3 credits) | Fashion Professional Practices (1 credit) |
|---|---|---|
| Recommended Courses for Term 4: | ACC Elective | ARA 396: Professional Practices for Design and the Arts |
| FSH 394: Fashion Construction II AND FSH 394: Fashion Design II | DSC 394: Design Entrepreneurship & Society | FSH 394: Professional Practices for Fashion |
| Recommended Courses for Term 5: | ECN Elective | |
| FSH 394: Fashion Illustration II AND FSH 394: Fashion Technology II | ENG 301: Writing for the Professions (L) | |
| Recommended Course for Term 6: | ENT Elective | |
| FSH 394: Fashion Collection Development | FIN Elective | |
| Recommended Course for Term 7 (select 1): | FSH 394: Fashion Entrepreneurship | |
| FSH 494: Fashion Construction III | FSH 394: Fashion Styling | |
| FSH 494: Fashion Design III | FSH 394: Fashion Visual Merchandising | |
| FSH 394: Fashion Design & Wearable Technology | FSH 394: PR for Fashion | |
| FSH 494: Fashion Technology III | HDA 252: Foundations Arts and Design Entrepreneurship | |
| FSH 494: Power Play Fashion Show | LES 380: Consumer Perspective of Business Law | |
| | MCO Elective | |
| | MGT Elective | |
| | MKT Elective | |
| | OGL Elective | |
| | THP 351: Arts Management | |
| | TWC 347: Written Communication for Managers (L) | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Total Community College Hrs:** 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Fashion - Fashion Studies, BA

School/College: Herberger Institute for Design and the Arts
Location: Downtown Phoenix campus, Tempe campus
HIFSHBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 101: ASU: The Art Experience | 1 | | • ARA 101: The Art Experience is required of all first-year art majors only.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ART 110: Drawing as Seeing and Thinking (HU) | 3 | C | |
| FSH 125: Survey of the Fashion Industry OR FSH 201: Textiles Survey | 3 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS course (HU) ( ARS 100 recommended) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSH 125: Survey of the Fashion Industry OR FSH 201: Textiles Survey | 3 | C | |
| INT 121: Introduction to Computer Modeling for Interior Design (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 202: Fashion Construction | 3 | C | |
| FSH 203: Fashion Illustration | 3 | C | |
| FSH 208: Fashion Technology | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 204: Social Aspects of Fashion (L or HU or SB) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| FSH 206: Fashion Design | 3 | C | |
| FSH 280: Fashion Merchandising | 3 | C | |
| THE 430: History of Fashion I (HU) OR THE 431: History of Fashion II: 20th-Century Fashion | 3 | C | |
| Fashion Related Studies Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Fashion Business Management Elective | 3 | C | |
| FSH 300: Global Fashion Industry (G) | 3 | C | |
| THE 430: History of Fashion I (HU) OR THE 431: History of Fashion II: 20th-Century Fashion | 3 | C | |
| *Complete 2 courses:* Fashion Related Studies Elective | 6 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARA 396: Professional Practices for Design and the Arts OR FSH 394: Branding for Future Fashion Professionals | 3 | C | • Create a first draft resume. |
| FSH 435: Contemporary Fashion (L or HU) | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Upper Division Fashion Profesional Practices | 1 | C | |
| Upper Division Fashion Related Studies Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 94 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 397: Fashion Capstone Development | 1 | C | • During FSH 397, students will work with a faculty mentor to develop their individual capstone project. Projects may range from an academic thesis to an applied project (or any combination of both). Students will execute their planned project the following semester to earn FSH 497 credit.<br>• Gather professional references.<br>• Explore an internship; complete Internship Application Form to request course credit. |
| FSH 484: Internship | 3 | C | |
| Upper Division Fashion Related Studies Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSH 497: Fashion Capstone | 3 | C | • Research employment opportunities. |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |

| | | |
|---|---|---|
| Upper Division Elective | 4 | |
| Elective | 3 | |
| | Term hours subtotal: | 13 |

Hide Course List(s)/Track Group(s)

| Fashion Related Studies (15 credits; 6 credits must be Upper Division) | Fashion Business Management (3 credits) | Fashion Professional Practices |
|---|---|---|
| AME Elective | ACC Elective | ARA 396: Professional Practices for Design and the Arts |
| ARA Elective | DSC 394: Design Entrepreneurship & Society | FSH 394: Professional Practices for Fashion |
| ARS Elective | ECN Elective | |
| ART Elective | ENG 301: Writing for the Professions (L) | |
| CIS 300: Web Design and Development | ENT Elective | |
| EDS 200: Design Literacy and Communication | FIN Elective | |
| EDS 223: Design Thinking | FSH 394: Fashion Entrepreneurship | |
| FSH Elective | FSH 394: Fashion Styling | |
| GRA 101: Designing Life | FSH 394: Fashion Visual Merchandising | |
| GRA 225: Communication/Interaction Design Theory | FSH 394: PR for Fashion | |
| HDA 210: Creativity and Innovation in Design and the Arts | HDA 252: Foundations Arts and Design Entrepreneurship | |
| IND 494: Textile Design | LES 380: Consumer Perspective of Business Law | |
| MCO Elective | MCO Elective | |
| PRM Elective | MGT Elective | |
| Second Language (as relevant to the Fashion Industry): | MKT Elective | |
| ARB OR CHI OR FRE OR ITA OR KOR OR JPN OR POR OR RUS OR SPA Elective | OGL Elective | |
| SOS Elective | THP 351: Arts Management | |
| TDM Elective | TWC 347: Written Communication for Managers (L) | |
| THP 301: Costume Construction | | |
| THP 330: Costume Design | | |
| THP 331: Costume Construction | | |
| THP 332: Makeup | | |
| THP 394: Pattern Drafting for Theatre | | |
| THP 431: Advanced Costume Construction | | |
| THP 494: Costume Crafts | | |
| THP 494: Costume Design II | | |

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Film (Film and Media Production), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAFLMBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 125: Orientation to Film, Dance and Theatre | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125: Orientation to Theatre & Film fulfills this requirement for theatre and film majors.<br>• FMP 250, FMS 100, and FMS 200 must be completed by term 4.<br>• Minimum 3.00 Film Core GPA required for selective Film and Media Production concentration.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| *Complete 2 courses:*<br>FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 100: Introduction to Film and Media Studies (HU) OR FMS 200: Film and Media History ((L or HU) & H) | 6 | C | |
| THF 160: Introduction to Storytelling (HU) | 3 | C | |
| Mathematics (MA) | 3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 126: Professional Development: Communication and Collaboration. | 2 | C | • THF 160 must be completed by term 4.<br>• Minimum 3.00 Film Core GPA required for selective Film and Media Production concentration. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 100: Introduction to Film and Media Studies (HU) OR FMS 200: Film and Media History ((L or HU) & H) | 3 | C | |
| FMP Elective | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMP 201: Film: The Creative Process I (HU) OR FMP 261: Principles of Screenwriting | 3 | C | • Students interested in the film and media production concentration may apply for |

| | | |
|---|---|---|
| FMP 280: Introduction to Film and Media Production | 2 | C |
| Computer/Statistics/Quantitative Applications (CS) ( FMP 255 recommended) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) AND Global Awareness (G) ( COM 263 recommended) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

admission the semester they are completing the film core. For information on the application, interview, and portfolio review process, visit Film and Media Production - Admission Requirements
- Minimum 3.00 Film Core GPA required for selective Film and Media Production concentration.
- Establish career interests.

| Term 4 45 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMP 201: Film: The Creative Process I (HU) OR FMP 261: Principles of Screenwriting | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete FMP 250 AND FMS 100 AND FMS 200 course(s). | | | |
| Complete THF 160. | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- Students interested in the film and media production concentration may apply for admission the semester they are completing the film core. For information on the application, interview, and portfolio review process, visit Film and Media Production - Admission Requirements.
- Minimum 3.00 Film Core GPA required for selective Film and Media Production concentration.
- Develop soft skills.

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMP 300: Film Production: Film & Media Part 1 | 3 | C | |
| FMP 220: Film and Media Post-Production I | 3 | C | |
| THF 101: Acting Introduction OR THP 194: Understanding Acting | 3 | C | |
| *Complete 2 courses:* Upper Division Film Elective | 6 | C | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- Begin aligning your degree with your career goals.

| Term 6 76 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMP 398: Capstone Development | 2 | C | |
| FMP 318: Directing for Film and Media I OR Film/Media Technology Course OR Producing Course | 3 | C | |
| FMP 320: Film and Media Post-Production II OR FMP 403: Independent Film (HU) | 3 | C | |
| Upper Division Film Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |

| | | |
|---|---|---|
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 14 | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FMP 480: Film Production Capstone I | 3 | C | • If on the Producing Track, the Upper Division Humanities, Arts and Design (HU) is fulfilled with FMP 403.<br>• Start networking. |
| FMP 418: Directing for Film and Media II OR Film/Media Technology Course | 3 | C | |
| Upper Division Film Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FMP 481: Film Production Capstone II | 3 | C | • Transfer students complete one additional hour of elective credit in term 8 to reach the university required 120 hours to graduate because THF 125: Orientation to Film, Dance and Theatre (term 1) is not required for transfer students. |
| FMP 420: Film and Media Post-Production III OR Producing Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Film Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Producing Course Options | Film/Media Technology Course Options | Film Electives |
|---|---|---|
| FMP 318: Directing for Film and Media I | FMP 220: Film and Media Post-Production I | FMP 294: Special Topics |
| FMP 330: Professional and Technical Writing for Film/TV Industry | FMP 225: Introduction to Visual Effects | FMP 394: Special Topics |
| FMP 335: Careers in Film and Media Industry | FMP 240: Introduction to Animation for Film | FMP 404: World Cinema (G) |
| FMP 350: Directing for Documentary Media | FMP 280: Introduction to Film and Media Production | FMP 405: Film and Television: Pioneers, Practices and Innovations (HU) |
| FMP 370: Producing for Film and Media | FMP 320: Film and Media Post-Production II | FMP 494: Special Topics |
| FMP 411: Film Spark Engagement: Welcome to Hollywood | FMP 325: Guerilla VFX | THE 406: American Multicultural Film (HU & C) |
| FMP 417: Business and Legal Practices in Entertainment | FMP 345: Cinematography I | THE 421: Shakespeare: Stage and Film (L or HU) |
| FMP 418: Directing for Film and Media II | FMP 380: Film Production Crew | THE 430: History of Fashion I (HU) |
| FMP 475: Producing Series | FMP 394: Non-Linear Editing for Film and Media | THE 431: History of Fashion II: 20th-Century Fashion |
| FMP 484: Internship | FMP 420: Film and Media Post-Production III | THP 330: Costume Design |
| FMP 494: Video Production Lab | FMP 484: Internship | |

HDA 252: Foundations Arts and Design Entrepreneurship

THP 351: Arts Management

FMP 494: Advanced Sound Design Film and Media

FMP 494: Advanced VFX

FMP 494: Intro 3D Visual FX

FMP 494: Video Production Lab

THP 213: Introduction to Technical Theatre

THP 214: Introduction to Costuming

THP 340: Scene Design

THP 344: Drafting

THP 345: Lighting Design

THP 355: Media Design for Performance

THP 442: Rendering for Design and Production

THP 445: Advanced Lighting Design

THP 455: Advanced Media Design

THP 494: Art Direction

THP 494: Properties for the Stage

THP 350: Sound Design

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Film (Filmmaking Practices), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus, ASU@Los Angeles
FAFPRBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMP Elective OR THF 160: Introduction to Storytelling (HU) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125: Orientation to Theatre & Film fulfills this requirement for theatre and film majors.<br>• Minimum 3.00 Film Core GPA required for highly selective Film and Media Production concentration.<br>• Join a student club or professional organization. |
| THF 125: Orientation to Film, Dance and Theatre | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| *Complete 2 courses:* FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 100: Introduction to Film and Media Studies (HU) OR FMS 200: Film and Media History ((L or HU) & H) | 6 | C | |
| Mathematics (MA) | 3 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMP Elective OR THF 160: Introduction to Storytelling (HU) | 3 | C | • Minimum 3.00 Film Core GPA required for highly selective Film and Media Production concentration. |
| THF 126: Professional Development: Communication and Collaboration. | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 100: Introduction to Film and Media Studies (HU) OR FMS 200: Film and Media History ((L or HU) & H) | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMP 201: Film: The Creative Process I (HU) OR FMP 261: Principles of Screenwriting | 3 | C | • Students interested in the Film and Media Production concentration may apply for admission the semester they are completing the Film core. See Film and Media Production |
| FMP 280: Introduction to Film and Media Production | 2 | C | |

| | | | |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) ( FMP 255 recommended) | 3 | | major map. For information on the interview process, visit: Film and Media Production - Admission Requirements.<br>• Minimum 3.00 Film Core GPA required for highly selective Film and Media Production concentration.<br>• Establish career interests. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) AND Global Awareness (G) ( COM 263 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 4 45 - 61 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| FMP 201: Film: The Creative Process I (HU) OR FMP 261: Principles of Screenwriting | 3 | C | • Students interested in the Film and Media Production concentration may apply for admission in the semester they are completing the Film core. See Film and Media Production major map. For information on the interview process, visit: Film and Media Production - Admission Requirements.<br>• Minimum 3.00 Film Core GPA required for highly selective Film and Media Production concentration.<br>• Develop soft skills. |
| Film Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete FMP 180 AND FMP 280 AND THF 160 course(s). | | | |
| Complete FMP 250 AND FMS 100 AND FMS 200 course(s). | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| **Term 5 61 - 76 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| FMP 300: Film Production: Filmmaking Practices OR Upper Division Screenwriting Course | 3 | C | • Upper Division Related Study Elective: Course cannot be from FMP, THE or THP subjects; must have "film" in the title.<br>• Begin aligning your degree with your career goals. |
| THF 101: Acting Introduction OR THP 194: Understanding Acting OR THP 387: Screen Acting | 3 | C | |
| Film Elective | 3 | C | |
| Upper Division Related Study Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 15 | | |

| **Term 6 76 - 91 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| FMP 380: Film Production Crew OR FMP 484: Internship | 1 | C | • Students must take two credit hours of either FMP 380 Film Production Crew or FMP 484 Internship by the end of term 8 to meet this requirement. |
| THF 397: Professional Development Seminar | 1 | C | |
| FMP 403: Independent Film (HU) | 3 | C | |
| Producing Course | 3 | C | |
| Upper Division Film Elective | 1 | C | |
| Upper Division Related Study Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Complete THF 101 OR THP 194: Understanding Acting OR THP 387 course(s). | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |

Term hours subtotal: 15

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FMP 380: Film Production Crew OR FMP 484: Internship | 1 | C | • Students must take two credit hours of either FMP 380 Film Production Crew or FMP 484 Internship to satisfy the requirement.<br>• Start networking. |
| ★ THF 497: Senior Project | 2 | C | |
| *Complete 2 courses:*<br>Upper Division Film Elective | 6 | C | |
| Screenwriting Course OR Film/Media Technology Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ THF 497: Senior Project | 2 | C | • Upper Division Related Study Elective: Course cannot be from FMP, THE or THP subjects; must have "film" in the title.<br>• Transfer students complete one additional hour of elective credit in term 8 to reach the university required 120 hours to graduate because THF 125: Orientation to Film, Dance and Theatre (term 1) is not required for transfer students. |
| Upper Division Film Elective | 3 | C | |
| Upper Division Related Study Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| Screenwriting Course Options |
|---|
| FMP 361: Intermediate Screenwriting |
| FMP 365: Developing a Series |
| FMP 465: Series Writers Workshop |
| FMP 475: Producing Series |
| FMP 494: Writing the Feature |
| FMS 302: U.S. Media Industries |
| FMS 309: Intermediate Screenwriting |
| FMS 340: Contemporary American Film and Popular Culture (HU) |
| FMS 394: Screenwriting for Television Part 1 |
| FMS 409: Advanced Screenwriting |
| FMS 409: Writing the Webisode |
| FMS 411: Screenwriting Adaptation Studies |
| FMS 412: Story Analysis for Film and Television |
| FMP 494: Dramatic Writers Workshop |

| Producing Course Options |
|---|
| FMP 300: Film Production: Filmmaking Practices |
| FMP 318: Directing for Film and Media I |
| FMP 330: Professional and Technical Writing for Film/TV Industry |
| FMP 335: Careers in Film and Media Industry |
| FMP 370: Producing for Film and Media |
| FMP 411: Film Spark Engagement: Welcome to Hollywood |
| FMP 417: Business and Legal Practices in Entertainment |
| FMP 418: Directing for Film and Media II |
| FMP 494: Video Production Lab |
| HDA 252: Foundations Arts and Design Entrepreneurship |
| THP 351: Arts Management |

| Film/Media Technology Course Options |
|---|
| DCE 240: Media for Dance (CS) |
| DCE 438: Dance Theatre Performance/Production |
| FMP 220: Film and Media Post-Production I |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |
| FMP 280: Introduction to Film and Media Production |
| FMP 320: Film and Media Post-Production II |
| FMP 325: Guerilla VFX |
| FMP 345: Cinematography I |
| FMP 394: Non-Linear Editing for Film and Media |
| FMP 494: Video Production Lab |
| THP 213: Introduction to Technical Theatre |
| THP 214: Introduction to Costuming |

FMS 494: Film Adaptation

FMS 494: Screenwriting for Television Part 2

THP 394: Writing for Horror, SciFi, and Fantasy

THP 330: Costume Design

THP 340: Scene Design

THP 344: Drafting

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 442: Rendering for Design and Production

THP 445: Advanced Lighting Design

THP 455: Advanced Media Design

THP 494: Art Direction

THP 494: Properties for the Stage

| Film Electives |
| --- |
| FMP 294: Special Topics |
| FMP 394: Special Topics |
| FMP 404: World Cinema (G) |
| FMP 405: Film and Television: Pioneers, Practices and Innovations (HU) |
| FMP 494: Special Topics |
| THE 406: American Multicultural Film (HU & C) |
| THE 421: Shakespeare: Stage and Film (L or HU) |
| THE 430: History of Fashion I (HU) |
| THE 431: History of Fashion II: 20th-Century Fashion |
| THP 452: Arts Entrepreneurship Seminar |
| THP 455: Advanced Media Design |
| FMP/THE/THP subjects with "film" in course title |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.50 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Graphic Design, BSD

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
ARGRABSD

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DSC 100: ASU Design Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design majors complete DSC 100 to fulfill this requirement.<br>• Join a student club or professional organization |
| GRA 101: Designing Life | 3 | C | |
| GRA 111: Graphic Design History I (HU) | 3 | C | |
| GRA 121: Principles for Graphic Design I | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 112: Graphic Design History II | 3 | C | • Graphic Design majors must successfully pass a degree milestone at the end of their freshman year to continue in the degree program. Applying to pass the degree milestone requirement is competitive and limited by available resources. Selection is awarded to those applicants demonstrating the highest promise for professional success. Students who do not pass the degree milestone should meet with their academic advisor. For more information on the degree milestone application process, visit this website. |
| GRA 122: Principles for Graphic Design II | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| Mathematics (MA) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.75 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 220: Design Drawing I | 3 | C | • Develop your professional online presence. |
| GRA 221: Letterform | 3 | C | |
| GRA 222: Visual Communication I | 3 | C | |
| GRA 225: Communication/Interaction Design Theory | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement. | | |
| Milestone: Evaluation required. | | |
| Complete First-Year Composition requirement. | | |
| Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 223: Typography | 3 | C | • Complete an in person or virtual practice interview |
| GRA 224: Visual Communication II | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( INT 121 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 321: Technology for Design I | 3 | C | • Develop your skills |
| GRA 361: Visual Communication III | 5 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 322: Technology for Design II | 3 | C | |
| GRA 362: Visual Communication IV | 5 | C | |
| ARS 300: Introduction to Art (HU) | 3 | C | |
| GRA 345: Design Rhetoric (L) | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Summer 6 90 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 484: Internship | 2 | Y | |
| Term hours subtotal: | 2 | | |

| Term 7 92 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 421: Exhibit Design | 3 | C | • Gather professional references |
| GRA 422: Motion Graphics and Interaction Design | 3 | C | |
| GRA 461: Visual Communication V | 5 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |

| | | | |
|---|---|---|---|
| Minimum 3.00 GPA ASU Cumulative. | | | |
| | Term hours subtotal: | 14 | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GRA 423: Advanced Interaction Design | 3 | C | |
| ★ GRA 424: Advanced Media | 3 | C | |
| ★ GRA 462: Visual Communication VI | 5 | C | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| | Term hours subtotal: | 14 | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Graphic Design, BSD

School/College: Herberger Institute for Design and the Arts
Location: Online, ASU Local@Los Angeles
ARGRABSD

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DSC 100: ASU Design Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Graphic Design majors complete DSC 100 to fulfill this requirement.<br>• Join a student club or professional organization |
| GRA 101: Designing Life | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 111: Graphic Design History I (HU) | 3 | C | • View ASU Online first-year student registration information here. |
| GRA 121: Principles for Graphic Design I | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 112: Graphic Design History II | 3 | C | • Graphic Design majors must successfully pass a degree milestone at the end of their first year to continue in the degree program. Applying to pass the degree milestone requirement is competitive and limited by available resources. Selection is awarded to those applicants demonstrating the highest promise for professional success. Students who do not pass the degree milestone should meet with their academic advisor. For more information on the degree milestone application process, visit this website. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 122: Principles for Graphic Design II | 3 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | | | |
|---|---|---|---|
| Minimum 2.75 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 220: Design Drawing I | 3 | C | • Develop your professional online presence. |
| GRA 221: Letterform | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 222: Visual Communication I | 3 | C | |
| GRA 225: Communication/Interaction Design Theory | 3 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Milestone: Evaluation required. | | | |
| Complete First-Year Composition requirement. | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 37 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 223: Typography | 3 | C | • Complete an in person or virtual practice interview |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 43 - 50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 224: Visual Communication II | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 50 - 58 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 321: Technology for Design I | 3 | C | • GRA 361 is a Session C course (15 weeks long).<br>• Develop your skills |
| GRA 361: Visual Communication III | 5 | C | |
| Term hours subtotal: | 8 | | |

| Term 5 - B 58 - 64 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 64 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 322: Technology for Design II | 3 | C | • GRA 362 is a Session C course (15 weeks long). |
| GRA 362: Visual Communication IV | 5 | C | |
| Term hours subtotal: | 8 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARS 300: Introduction to Art (HU) | 3 | C | |
| GRA 345: Design Rhetoric (L) | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Summer 6 78 - 80 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 484: Internship | 2 | Y | |
| Term hours subtotal: | 2 | | |

| Term 7 - A 80 - 88 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 421: Exhibit Design | 3 | C | • GRA 461 is a Session C course (15 weeks long).<br>• Gather professional references |
| GRA 461: Visual Communication V | 5 | C | |
| Term hours subtotal: | 8 | | |

| Term 7 - B 88 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 422: Motion Graphics and Interaction Design | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 94 - 102 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 423: Advanced Interaction Design | 3 | C | • GRA 462 is a Session C course (15 weeks long). |
| GRA 462: Visual Communication VI | 5 | C | |
| Term hours subtotal: | 8 | | |

| Term 8 - B 102 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRA 424: Advanced Media | 3 | C | |
| Elective | 2 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 5 | | |

| Term 9 - A 107 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 9 - B 114 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |

Term hours subtotal: 6

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Industrial Design, BSD

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
ARINDBSD

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DSC 100: ASU Design Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design majors take DSC 100 to fulfill this requirement.<br>• Join a student club or professional organization |
| DSC 101: Design Awareness (HU & G) | 3 | C | |
| IND 120: Drawing for Industrial Design | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IND 121: Principles for Industrial Design I | 3 | C | • Industrial Design majors must successfully pass a degree milestone at the end of their freshman year to continue in the degree program. Applying to pass the degree milestone requirement is competitive and limited by available resources. Selection is awarded to those applicants demonstrating the highest promise for professional success. Students who do not pass the degree milestone should meet with their academic advisor. For more information on the degree milestone application process, visit this website. |
| IND 122: Principles for Industrial Design II | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DSC 236: Introduction to Computer Modeling (CS) | 3 | C | • Develop your professional online presence |
| IND 227: Visual Methods for Problem Solving | 3 | C | |
| IND 242: Materials and Design | 3 | C | |
| IND 260: Industrial Design I | 3 | C | |
| ECN 212: Microeconomic Principles (SB) | 3 | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement. | | |
| Milestone: Evaluation required. | | |
| Complete First-Year Composition requirement. | | |
| Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IND 228: Imaging and Visualization | 3 | C | • Complete an in person or virtual practice interview |
| IND 243: Design for Ecology and Social Equity | 3 | C | |
| IND 261: Industrial Design II | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IND 327: Presentation Graphics | 3 | C | • Develop your skills |
| IND 360: Industrial Design III | 5 | C | |
| IND 316: 20th-Century Design I (HU & H) | 3 | C | |
| IND 344: Human Factors in Design | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 77 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IND 328: Graphics for Industrial Design | 3 | C | • Summer Internship: students complete an internship between terms 6 and 7. |
| IND 361: Industrial Design IV | 5 | C | |
| IND 317: 20th-Century Design II (HU & H) | 3 | C | |
| IND 354: Principles of Product Design | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Summer 6 91 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IND 484: Internship | 2 | Y | |
| Term hours subtotal: | 2 | | |

| Term 7 93 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IND 460: Design Project I | 5 | C | • Summer Internship: students complete the internship between terms 6 and 7.<br>• Gather professional references |
| IND 470: Professional Practice for Industrial Design (L) | 3 | C | |
| MKT 395: Essentials of Advertising and Marketing Communication OR Upper Division Approved Marketing Course | 3 | | |
| Elective | 3 | | |

| | | | |
|---|---|---|---|
| Minimum 3.00 GPA ASU Cumulative. | | | |
| | Term hours subtotal: | 14 | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ IND 461: Design Project II | 5 | C | |
| ENG 301: Writing for the Professions (L) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 2 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Interior Design, BSD

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
ARINTBSD

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DSC 100: ASU Design Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design majors take DSC 100 to fulfill this requirement.<br>• Join a student club or professional organization. |
| INT 111: Interior Design Issues and Theories (HU) | 3 | C | |
| INT 120: Design Fundamentals I | 3 | C | |
| INT 121: Introduction to Computer Modeling for Interior Design (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| INT 122: Principles of Design | 3 | C | • Interior Design majors must successfully pass a degree milestone at the end of their freshman year to continue in the degree program. Applying to pass the degree milestone requirement is competitive and limited by available resources. Selection is awarded to those applicants demonstrating the highest promise for professional success. Students who do not pass the degree milestone should meet with their academic advisor. For more information on the degree milestone application process, visit this website. |
| INT 123: Introduction to Computer-Aided Design and Building Information Modeling | 3 | C | |
| INT 124: Design Fundamentals II Lecture | 1 | C | |
| INT 131: Design and Human Behavior (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| INT 223: Drafting for Interior Design | 3 | C | • Develop your professional online presence. |
| INT 261: Interior Design Studio I | 3 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement. | | |
| Milestone: Evaluation required. | | |
| Complete First-Year Composition requirement. | | |
| Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 13 | |

| Term 4 44 - 58 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| INT 253: Interior Materials, Finishes, and Specifications | 3 | C | • Complete an in person or virtual practice interview. |
| INT 262: Interior Design Studio II | 3 | C | |
| INT 341: Interior Codes: Public Welfare and Safety | 2 | C | |
| ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete PHY 101 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 58 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| INT 362: Interior Design Studio III | 5 | C | • Develop your skills. |
| INT 310: History of Interior Design I (HU & H) | 3 | C | |
| INT 351: Ambient Environment | 3 | C | |
| INT 352: Construction Methods in Interior Design | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 72 - 86 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| INT 363: Interior Design Studio IV | 5 | C | |
| INT 311: History of Interior Design II (HU & H) | 3 | C | |
| INT 354: Construction Documents | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Summer 6 86 - 89 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| INT 484: Internship | 3 | Y | • It is recommended students complete INT 484 Internship in the summer semester (summer 6), however, students can complete this course during term 7 (fall) or term 8 (spring). |
| Term hours subtotal: | 3 | | |

| Term 7 89 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| INT 464: Interior Design Studio V | 5 | C | |
| INT 415: Latin American Design | 3 | C | |

| | | | |
|---|---|---|---|
| INT 471: Facilities Management | 3 | C | • It is recommended students complete INT 484 Internship in the summer semester (summer 6), however, students can complete this course during term 7 (fall) or term 8 (spring).<br>• Gather professional references. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| **Term 8 104 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ INT 465: Interior Design Studio VI | 5 | C | • It is recommended students complete INT 484 Internship in the summer semester (summer 6), however, students can complete this course during term 7 (fall) or term 8 (spring). |
| INT 472: Professional Practice for Interior Design | 2 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  • Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Landscape Architecture, BSLA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
ARPLABSLA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ALA 100: Introduction to Environmental Design (HU & H & G) OR ALA 102: Landscapes and Sustainability (HU & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors take DSC 100 to fulfill this requirement.<br>• Join a student club or professional organization. |
| ALA 121: Design Fundamentals I | 3 | C | |
| DSC 100: ASU Design Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ALA 100: Introduction to Environmental Design (HU & H & G) OR ALA 102: Landscapes and Sustainability (HU & G) | 3 | C | • Students must submit an Intent to Continue form toward the end of Term 2. This form is available here. |
| ALA 122: Design Fundamentals II | 3 | C | |
| ALA 124: Design Fundamentals II Lecture | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAP 231: Introduction to Digital Applications for Designers | 3 | C | • Develop your professional online presence |
| LDE 261: Landscape Architecture Design Fundamentals III | 4 | C | |
| GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 4 | | |

| | | |
|---|---|---|
| LAP 311: History of Landscape Architecture (HU & H) | 3 | C |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 14 | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAP 251: Plant Materials for Sustainable Landscapes | 3 | C | • Complete an in person or virtual practice interview. |
| LDE 262: Landscape Architecture Design Fundamentals IV | 4 | C | |
| LAP 312: 20th-Century Landscape Architecture (HU) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete GPH 111 AND GPH 112 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAP 341: Landscape Construction I | 3 | C | • Develop your skills. |
| LAP 353: Planting Design for Sustainable Landscapes | 3 | C | |
| LDE 361: Landscape Architecture I | 5 | C | |
| LAP 352: Ecosystems and Sustainable Design | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAP 342: Landscape Construction II | 3 | C | |
| LAP 371: Professional Practice | 1 | C | |
| LDE 362: Landscape Architecture II | 5 | C | |
| LAP 332: GIS Applications in Environmental Design | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Summer 6 89 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAP 484: Internship OR LAP 485: International Field Studies (G) | 2 | Y | |
| Term hours subtotal: | 2 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LDE 461: Landscape Architecture III | 5 | C | • Gather professional references. |
| LAP 413: Landscape Architecture Theory and Criticism (L) | 3 | C | |
| Upper Division Design Professional Elective | 3 | C | |
| Elective | 4 | | |

| | | |
|---|---|---|
| Complete LAP 484 OR LAP 485 course(s). | | |
| Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ LAP 443: Landscape Construction III | 3 | C | |
| ★ LDE 462: Landscape Architecture IV | 5 | C | |
| Upper Division Design Professional Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

Design Professional Elective

ADE OR ANP OR APH OR DSC OR GRA OR IND OR INT OR LAP OR LDE OR LPH OR LTC Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Music, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSBA

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience is required of all freshman music majors.<br>• Completion of Piano Diagnostic Exam determines placement into Class Piano courses.<br>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• See course list for MUP 4** Music Ensemble options.<br>• Courses offered in fall semester only: MTC 125, MUP 101, MUP 131.<br>• Complete resume in MUP 101. |
| Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| MUP 111: Studio Instruction | 2 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 111: Studio Instruction | 2 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• See course list for MUP 4** Music Ensemble options.<br>• Courses offered in spring semester only: MTC 221, MUP 132.<br>• Familiarize yourself with information about musicians' health. |
| 4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 33 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MUP 111: Studio Instruction | 2 | C |
| 4** MUP Music Ensemble | 1 | C |
| MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 231: Class Piano | 1 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course through the intermediate level (202 or equivalent). | 4 | |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Complete MUP 131 by end of term 3. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15 | |

- ASU Language Placement: Only true beginners are eligible for 101 level courses. All other students are required to take a placement exam, regardless of prior credit earned.
- Second Language: Consult with advisor for approved list. It is recommended for Second Language 101 and 102 to be completed by the end of term 4.
- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- See course list for MUP 4** Music Ensemble options.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 111: Studio Instruction | 2 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 232: Class Piano | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course through the intermediate level (202 or equivalent). | 4 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete MUP 132 by end of term 4. | | | |
| Complete Second Language 101 and 102 by end of term 4. | | | |
| Term hours subtotal: | 15 | | |

- ASU Language Placement: Only true beginners are eligible for 101 level courses. All other students are required to take a placement exam, regardless of prior credit earned.
- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- See course list for MUP 4** Music Ensemble options.
- Courses offered in spring semester only: MTC 223, MUP 232.
- Select a faculty mentor to guide your degree work.

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MHL course (HU) Upper Division | 3 | C | |
| MTC 320: Modal Counterpoint OR MTC 321: Tonal Counterpoint | 2 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course through the intermediate level (202 or equivalent). | 4 | | |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete MUP 231 by end of term 5. | | | |
| Term hours subtotal: | 15 | | |

- MTC 320 offered in odd numbered fall semesters only.
- MTC 422 offered in even numbered fall semesters only.

| Term 6 78 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | MHL course (HU) Upper Division | 3 | C |
| ★ | Second Language: Requirement satisfied through the following:<br>* Completion of a language course through the intermediate level (202 or equivalent). | 4 | |
| | MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 3 | C |
| | Upper Division Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| ★ | Complete MTC 320 OR MTC 321 by end of term 6. | | |
| ★ | Complete MUP 232 by end of term 6. | | |
| | Complete Second Language 201 and 202 by end of term 6. | | |
| | Term hours subtotal: | 13 | |

- MTC 321 offered in even numbered spring semesters only.
- Gather a list of professional references.

| Term 7 91 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MTC 422: Musical Acoustics | 3 | C | • MTC 422 offered in even numbered fall semesters only. |
| MHL course (L) Upper Division ( MHL 439 OR MHL 440 recommended) | 3 | C | |
| MHL OR MTC Upper Division Elective | 3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:*<br>MHL OR MTC Upper Division Elective | 6 | C | • Complete capstone project. |
| MHL Upper Division Elective | 3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| MUP Music Ensembles Course List | Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---|---|---|
| MUP 442: Instrumental Ensembles | MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MUP 443: Choral Ensembles | MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MUP 444: Concert Winds | MHL 365: Popular Music and Race ((L or HU) & C) | MHL 344: Music in World Cultures (HU & G) |
| MUP 450: Choral Union | MHL 394: Music in the Middle East | MHL 365: Popular Music and Race ((L or HU) & C) |
| MUP 455: Arizona Statesmen | | MHL 394: Music in the Middle East |
| MUP 457: Sol Singers | | |

MUP 458: ASU Gospel Choir

MUP 479: Chamber Music Ensembles

MUP 485: Percussion Ensemble

MUP 486: Jazz Band

MUP 489: Ethnomusicology Ensembles

MHL 440: Topics in 20th-Century Music (L or HU)

MHL 494: Concerts in the 20th Century

MHL 494: Music and Film

MHL 494: Music and Healing

MHL 494: Music of the Silk Road

MHL 494: Recycled Music: Medieval to Modern

MHL 394: Music in Renaissance Cities

MHL 439: Topics in 19th-Century Music ((L or HU) & H)

MHL 440: Topics in 20th-Century Music (L or HU)

MHL 494: Concerts in the 20th Century

MHL 494: Music and Film

MHL 494: Music and Healing

MHL 494: Music of the Silk Road

MHL 494: Recycled Music: Medieval to Modern

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Music (Music and Culture), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIMUSMCBA

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101:The ASU School of Music Experience is required of all freshman music majors.<br>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Completion of Piano Diagnostic Exam determines placement into Class Piano courses.<br>• See MHL faculty for approval of elective courses.<br>• See course list for MUP 4** Music Ensemble course options.<br>• Courses offered in fall semester only: MTC 125, MUP 131, MUP 101.<br>• Complete resume in MUP 101. |
| Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MUP 111: Studio Instruction OR Elective | 2 | C | |
| MUP 131: Class Piano | 1 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 221: Music Theory: 18th Century | 3 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• MHL 499: Individualized study is done by arrangement with a musicology faculty member<br>• See MHL faculty for approval of elective courses.<br>• Courses offered in spring semester only: MTC 221, MUP 132.<br>• Familiarize yourself with information about musicians' health. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 499: Individualized Instruction | 1 | C | |
| MUP 111: Studio Instruction OR Elective | 2 | C | |
| MUP 132: Class Piano | 1 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 33 - 49 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MHL 499: Individualized Instruction | 1 | C |
| MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 111: Studio Instruction OR Elective | 2 | C |
| 4** MUP Music Ensemble | 1 | C |
| MUP Elective ( MUP 231 recommended) | 1 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course through the intermediate level (202 or equivalent). | 4 | |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Complete MUP 131 by end of term 3. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

- Second Language: Consult with advisor for approved list. It is recommended for Second Language 101 and 102 to be completed by the end of term 4.
- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- MHL 499: Individualized study done by arrangement with a musicology faculty member.
- See MHL faculty for approval of elective courses.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| **Term 4 49 - 65 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MHL 499: Individualized Instruction | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 111: Studio Instruction OR Elective | 2 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| MUP Elective ( MUP 232 recommended) | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course through the intermediate level (202 or equivalent). | 4 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete MUP 132 by end of term 4. | | | |
| Complete Second Language 101 and 102 by end of term 4. | | | |
| Milestone: Rising Junior Milestone Interview | | | |
| Term hours subtotal: | 16 | | |

- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- MHL 499: Individualized study done by arrangement with a musicology faculty member.
- See MHL faculty for approval of elective courses.
- Courses offered in spring semester only: MTC 223, MUP 232.
- Select a faculty mentor to guide your degree work.

| **Term 5 65 - 82 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MHL course (HU) Upper Division | 3 | C | |
| MHL 339: Undergraduate Bibliography I | 1 | C | |
| MHL 499: Individualized Instruction | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course through the intermediate level (202 or equivalent). | 4 | | |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR MTC Upper Division Elective | 2 | C | |
| Complete Second Language 201 and 202 by end of term 6. | | | |
| Term hours subtotal: | 17 | | |

- MHL 339: Individualized bibliography study with instructor of Upper Division MHL course and MHL 499: Individualized study by arrangement with a musicology faculty member.
- Two upper division MHL electives are required: 1 music through present time and 1 freedom of choice approved by the musicology faculty.

| Term 6 82 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MHL course (HU) Upper Division | 3 | C | • MHL 340: Individualized bibliography study with instructor of Upper Division MHL course and MHL 499: Individualized study by arrangement with a musicology faculty member.<br>• Two upper division MHL electives are required: 1 music through present time and 1 freedom of choice approved by the musicology faculty.<br>• Gather a list of professional references. |
| ★ Second Language: Requirement satisfied through the following:<br>* Completion of a language course through the intermediate level (202 or equivalent). | 4 | | |
| MHL 340: Undergraduate Bibliography II | 1 | C | |
| MHL 499: Individualized Instruction | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective OR MTC Upper Division Elective | 2 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 96 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MHL 490: Capstone Project I: Undergraduate Thesis Research OR MHL 492: Honors Directed Study | 3 | C | • MHL 490 or 492: Culminating original research project conducted with supervision of musicology faculty. |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR MHL 484: Internship OR MDC 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MHL 491: Capstone Project II: Undergraduate Thesis OR MHL 493: Honors Thesis (L) | 3 | C | • MHL 491 or 493: Culminating original research project conducted with supervision of musicology faculty.<br>• Complete capstone project.<br>• Apply for full-time career opportunities. |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| MUP Music Ensembles Course List | Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---|---|---|
| MUP 442: Instrumental Ensembles | MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MUP 443: Choral Ensembles | MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MUP 444: Concert Winds | MHL 365: Popular Music and Race ((L or HU) & C) | MHL 344: Music in World Cultures (HU & G) |
| MUP 450: Choral Union | MHL 394: Music in the Middle East | MHL 365: Popular Music and Race ((L or HU) & C) |
| MUP 455: Arizona Statesmen | MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in the Middle East |
| MUP 457: Sol Singers | | |
| MUP 458: ASU Gospel Choir | | |

| | | |
|---|---|---|
| MUP 479: Chamber Music Ensembles | MHL 494: Concerts in the 20th Century | MHL 394: Music in Renaissance Cities |
| MUP 485: Percussion Ensemble | MHL 494: Music and Film | MHL 439: Topics in 19th-Century Music ((L or HU) & H) |
| MUP 486: Jazz Band | MHL 494: Music and Healing | MHL 440: Topics in 20th-Century Music (L or HU) |
| MUP 489: Ethnomusicology Ensembles | MHL 494: Music of the Silk Road | MHL 494: Concerts in the 20th Century |
| | MHL 494: Recycled Music: Medieval to Modern | MHL 494: Music and Film |
| | | MHL 494: Music and Healing |
| | | MHL 494: Music of the Silk Road |
| | | MHL 494: Recycled Music: Medieval to Modern |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Music (Popular Music), BA

School/College: Herberger Institute for Design and the Arts
Location: Downtown Phoenix campus, Tempe campus
HIMUSPMBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience is required of all first-year music majors.<br>• Completion of Piano Diagnostic Exam determines placement into Class Piano courses.<br>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Performers will take MUP 111 and MUP 441.<br>• Courses offered in fall semester only: MTC 125, MUP 101, MUP 131.<br>• Complete resume in MUP 101. |
| Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses. | | | |
| MSC 443: Popular Music Forum | 1 | C | |
| MSC Elective OR MUP 111: Studio Instruction | 2 | C | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MSC 221: Popular Music Lab OR MUP 441: Popular Music Ensemble | 1 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MSC 443: Popular Music Forum | 1 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Non-performers will take 1 credit of MSC 221 Popular Music Lab and 1 credit of MUP 441 Live Sound and Stage Tech. Alternatively, non-performance students can take THP 294: Stage Technology to fulfill both requirements.<br>• Students who auditioned as performers are required to take a minimum of 2 semesters of both MUP 111 Studio Instruction and MUP 441 Popular Music Ensemble.<br>• Courses offered in spring semester only: MTC 221. |
| MSC Elective OR MUP 111: Studio Instruction | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MSC 221: Popular Music Lab | 1 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 441: Live Sound and Stage Technology OR MUP 441: Popular Music Ensemble | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

- Familiarize yourself with information about musicians' health.

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MSC 443: Popular Music Forum | 1 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in fall semester only: MTC 222.<br>• Participate in at least two ensemble performances. |
| MSC Elective OR MUP 111: Studio Instruction | 2 | C | |
| MSC 221: Popular Music Lab OR MUP 441: Live Sound and Stage Technology OR MUP 441: Popular Music Ensemble | 1 | C | |
| MTC 222: Music Theory: 19th Century | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete MUP 131 by end of term 3. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MSC 443: Popular Music Forum | 1 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Complete Popular Music Specialization sheet with a faculty mentor to guide your degree work.<br>• Courses offered in spring semester only: MTC 223.<br>• Select a faculty mentor to guide your degree work. |
| MSC Elective OR MUP 111: Studio Instruction | 2 | C | |
| MSC 221: Popular Music Lab OR MUP 441: Popular Music Ensemble | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MSC Elective | 2 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Milestone: Rising Junior Milestone Interview | | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MSC 443: Popular Music Forum | 1 | C | • Students must take three upper-division MHL courses. Students must take one course each from the "Music History: 1900-Present" and "Music History: Music + Geographies" track groups, and one MHL elective.<br>• Students must take one upper-division MTC elective.<br>• The upper-division MHL and MTC electives may be taken in a different order than shown on the major map, however, they are all required.<br>• In Terms 5-8 and in consultation with faculty, students must enroll in a minimum of 14 credits of MSC 474: Popular Music Specialization. Six credits must be completed by the end of Term 6. Students may need to enroll in MSC 474 more than once during the same term. |
| Upper Division Music History: 1900-Present AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| MSC 451: Popular Music Industry Studies I | 2 | C | |
| MSC 474: Popular Music Specialization | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MSC 443: Popular Music Forum | 1 | C | • Students must take three upper-division MHL courses. Students must take one course each from the "Music History: 1900-Present" and "Music History: Music + Geographies" track groups, and one MHL elective.<br>• Students must take one upper-division MTC elective.<br>• The upper-division MHL and MTC electives may be taken in a different order than shown on the major map, however, they are all required.<br>• In Terms 5-8 and in consultation with faculty, students must enroll in a minimum of 14 credits of MSC 474: Popular Music Specialization. Six credits must be completed by the end of Term 6. Students may need to enroll in MSC 474 more than once during the same term.<br>• Gather a list of professional references. |
| Upper Division Music History (Music + Geographies) | 3 | C | |
| MSC 452: Popular Music Industry Studies II | 2 | C | |
| MSC 474: Popular Music Specialization | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Milestone: Rising Senior Milestone Interview | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MSC 489: Popular Music Capstone Project | 3 | C | • Students must take three upper-division MHL courses. Students must take one course each from the "Music History: 1900-Present" and "Music History: Music + Geographies" track groups, and one MHL elective.<br>• Students must take one upper-division MTC elective.<br>• The upper-division MHL and MTC electives may be taken in a different order than shown on the major map, however, they are all required.<br>• In Terms 5-8 and in consultation with faculty, students must enroll in a minimum of 14 credits of MSC 474: Popular Music Specialization. Students may need to enroll in MSC 474 more than once during the same term. |
| MSC 474: Popular Music Specialization | 4 | C | |
| MTC Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MSC 489: Popular Music Capstone Project | 3 | C | • Students must take three upper-division MHL courses. Students must take one course each from the "Music History: 1900-Present" and "Music History: Music + Geographies" track groups, and one MHL elective.<br>• Students must take one upper-division MTC elective.<br>• The upper-division MHL and MTC electives may be taken in a different order than shown on the major map, however, they are all required.<br>• In Terms 5-8 and in consultation with faculty, students must enroll in a minimum of 14 credits |
| MSC 474: Popular Music Specialization | 4 | C | |
| MHL Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

of MSC 474: Popular Music Specialization. Students may need to enroll in MSC 474 more than once during the same term.
- Complete capstone project.

Hide Course List(s)/Track Group(s)

| Music History: 1900-Present | Music History: Music + Geographies |
|---|---|
| MHL 342: Music History II (HU) | MHL 344: Music in World Cultures (HU & G) |
| MHL 365: Popular Music and Race ((L or HU) & C) | MHL 394: Music in the Middle East |
| MHL 440: Topics in 20th-Century Music (L or HU) | MHL 440: Topics in 20th-Century Music (L or HU) |
| MHL 494: American Aesthetics after 1960 | MHL 494: Jazz Musicians as Composers |
| MHL 494: Concerts in the 20th Century | MHL 494: Music of the Silk Road |
| MHL 494: Jazz Musicians as Composers | |
| MHL 494: Music and Film | |
| MHL 494: Opera and Music Theater Since 1950 | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Music Learning and Teaching, BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSEBM

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUE 101: The ASU School of Music Experience required of all freshman music education majors.<br>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• MUP 131: Class Piano must be taken rather than MUP 133: Class Voice unless piano is primary instrument.<br>• Students may use up to 2 semesters of MUP 461: Marching and Athletic Bands towards degree (optional).<br>• Courses offered fall semester only: MTC 125, MUE 101, MUP 131, MUP 133.<br>• Complete resume in MUE 101. |
| Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUE 101: The ASU School of Music Experience | 1 | C | |
| MUP 111: Studio Instruction | 2 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MUP 131: Class Piano OR MUP 133: Class Voice | 1 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 221: Music Theory: 18th Century | 3 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Students are expected to perform in at least one large ensemble per semester in semesters 1-4.<br>• Apply for Identity Verified Print (IVP) fingerprint clearance card, required by state law for participation in internships in K-12 grade schools DPS IVP fingerprint clearance card.<br>• Courses offered in spring semester only: MTC 221, MUE 110, MUE 154, MUP 132, MUP 134.<br>• Familiarize yourself with information about musicians' health. |
| MUE 110: Introduction to Music Education | 2 | C | |
| MUE 154: Gesture and Sound | 1 | C | |
| MUP 111: Studio Instruction | 2 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MUP 132: Class Piano OR MUP 134: Class Voice | 1 | C | |
| Mathematics (MA) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 222: Music Theory: 19th Century | 3 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Refer to course list and consult with faculty mentor regarding MUE 3**: Lab Course selection. MUE 319 Digital and Hybrid Lab is required (can be taken during Term 3 or Term 4).<br>• Courses offered in fall semester only: MTC 222, MUE 323, MUE 325.<br>• Talk to your studio instructor about ways to enhance your performance skills; participate in at least two large ensemble performances. |
| MUP 111: Studio Instruction | 2 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| *Complete 2 courses:*<br>Upper Division MUE 3**: Lab Course | 4 | C | |
| MHL 201: Media Literacy for Musicians (CS) OR AME 111: Introduction to Digital Culture (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 17 | | |

| Term 4 47 - 64 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 223: Music Theory: 20th Century | 3 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Meet with your Advisor early in the semester to submit an "Intent to Progress" form that notifies Teachers College you will be ready to enroll in your first internship the following term. You will upload a copy of your IVP FPC with this form, required by state law. Teachers College will then invite you to attend their mandatory Professional Pathways Orientation.<br>• GCU 113 meets US and AZ Constitution requirements for teaching certification.<br>• Refer to course list and consult with faculty mentor regarding MUE 3**: Lab Course selection. MUE 319 Digital and Hybrid Lab is required (can be taken during Term 3 or Term 4).<br>• Courses offered in spring semester only: MTC 223, MUE 321.<br>• Create and continue to add to a professional online portfolio. |
| MUP 111: Studio Instruction | 2 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| *Complete 2 courses:*<br>Upper Division MUE 3**: Lab Course | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) ( GCU 113 recommended) | 3 | | |
| Milestone: All Music Education students must successfully complete the intent to progress application for the Teachers College Professional Pathways Program this semester. | | | |
| Milestone: All Music Education students must audition with Music Education Faculty during this term. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 64 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 311: Studio Instruction | 2 | C | • Refer to course list and consult with faculty mentor regarding MUE 4**: Art of Teaching course selection.<br>• Students are expected to perform in at least one large ensemble per semester in semesters 5-7.<br>• Please see Upper Division MHL course lists for options - at least 1 Upper Division MHL needs to be through present time.<br>• Courses offered in fall semesters only: MUE 481. |
| SED 396: Clinical Experience I | 1 | C | |
| MHL course (HU) Upper Division | 3 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| TEL 315: Child and Adolescent Development (L or SB) | 3 | C | |
| Upper Division MUE 4**: The Art of Teaching course | 4 | B | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 14 | |

- Courses offered in rotations: MUE 413 (every fall and even springs), MUE 415 (every fall and odd springs).
- Gather a list of professional references.

| Term 6 78 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MUP 311: Studio Instruction | 2 | C | • Refer to course list and consult with faculty mentor regarding MUE 4**: Art of Teaching course selection.<br>• Please see Upper Division MHL course lists for options - at least 1 Upper Division MHL needs to be through present time.<br>• Courses offered in spring semester only: MUE 480, MUE 482.<br>• Courses offered in rotations: MUE 413 (every fall and even springs), MUE 415 (every fall and odd springs).<br>• Complete internships at two different schools. |
| ★ SED 397: Clinical Experience II | 1 | C | |
| ★ MHL course (HU) Upper Division | 3 | C | |
| MUE 161: Introduction to Music Therapy | 2 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| Upper Division MUE 4**: The Art of Teaching course | 4 | B | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 94 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MUP 311: Studio Instruction | 2 | C | • Refer to course list and consult with faculty mentor regarding MUE 4**: Art of Teaching course selection. |
| ★ SED 496: Clinical Experience III | 1 | C | |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| MUP 495: Performance | 0 | C | |
| Upper Division MUE 4**: The Art of Teaching course | 4 | B | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Take the AEPA/NES Professional Knowledge Test in term 8 (secondary recommended; necessary for teacher certification).<br>• Your student teaching residency requires a full-time commitment in the K-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| | | |
|---|---|---|
| The Art of Teaching course list: Choose 3 courses (12 hours) | MUE Lab course list: Choose 4 courses (8 hours) | Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) |
| | Required: | MHL 342: Music History II (HU) |

| | | |
|---|---|---|
| MUE 413: The Art of Teaching Children Music | MUE 319: Digital and Hybrid Lab | MHL 344: Music in World Cultures (HU & G) |
| MUE 415: The Art of Teaching Contemporary Musicians | Choose 3 additional courses: | MHL 365: Popular Music and Race ((L or HU) & C) |
| MUE 480: The Art of Teaching Choral Musicians | MUE 317: Strings Lab | MHL 394: Music in the Middle East |
| MUE 481: The Art of Teaching Beginning Instrumentalists | MUE 321: Jazz Lab | MHL 440: Topics in 20th-Century Music (L or HU) |
| MUE 482: The Art of Teaching Advanced Instrumentalists | MUE 323: Keyboard Lab | MHL 494: Concerts in the 20th Century |
| | MUE 325: Voice/Choral Lab | MHL 494: Music and Film |
| | MUE 327: Brass Lab | MHL 494: Music and Healing |
| | MUE 334: Guitar Lab | MHL 494: Music of the Silk Road |
| | MUE 336: Percussion Lab | MHL 494: Recycled Music: Medieval to Modern |
| | MUE 337: Woodwinds Lab | |
| | MUE 394: Popular Music Lab for Teachers | |

| Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---|
| MHL 341: Music History I (HU) |
| MHL 342: Music History II (HU) |
| MHL 344: Music in World Cultures (HU & G) |
| MHL 365: Popular Music and Race ((L or HU) & C) |
| MHL 394: Music in the Middle East |
| MHL 394: Music in Renaissance Cities |
| MHL 439: Topics in 19th-Century Music ((L or HU) & H) |
| MHL 440: Topics in 20th-Century Music (L or HU) |
| MHL 494: Concerts in the 20th Century |
| MHL 494: Music and Film |
| MHL 494: Music and Healing |
| MHL 494: Music of the Silk Road |
| MHL 494: Recycled Music: Medieval to Modern |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Music Therapy, BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSTHBM

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • MUE 101: ASU School of Music Experience is required of all first-year music therapy majors.<br>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• See course list below for MUP 4** Music Ensemble course options. Students should complete 4 large ensembles and 2 small ensembles.<br>• For statistics, students may choose PSY 230 or STP 226; if students choose PSY 230, they must complete MAT 119 or higher for Mathematics (MA) requirement.<br>• Courses offered in fall semester only: MTC 125, MUE 101, MUP 131.<br>• Complete resume in MUE 101. |
| Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
| MUE 101: The ASU School of Music Experience | 1 | C | |
| MUP 111: Studio Instruction | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUE 335: Educational Methods for Guitar | 1 | C | |
| MUP 131: Class Piano | 1 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C | |
| Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 111: Studio Instruction | 2 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• See course list below for MUP 4** Music Ensemble course options.<br>• Courses offered in spring semester only: MTC 221, MUP 132.<br>• Familiarize yourself with information about musicians' health. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 31 - 48 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| MUE 161: Introduction to Music Therapy | 2 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• See course list below for MUP 4** Music Ensemble course options.<br>• Courses offered in fall semester only: MTC 222, MUE 162, MUP 133, MUP 231.<br>• Talk to your studio instructor about ways to enhance your performance skills; participate in at least two large ensemble performances. |
| MUE 162: Introduction to Music Therapy Lab | 1 | C | |
| MUP 111: Studio Instruction | 2 | C | |
| MTC 222: Music Theory: 19th Century | 3 | C | |
| MUP 133: Class Voice | 1 | C | |
| MUP 231: Class Piano | 1 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C | |
| CDE 232: Human Development (SB) | 3 | | |
| SOC 101: Introductory Sociology (SB) | 3 | | |
| Complete MTC 125 AND MUP 131. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 17 | | |

| Term 4 48 - 64 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUE 261: Music Therapy Treatment Process | 3 | C | • Students must pass a jury in term 4 to be eligible for MUP 311.<br>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• See course list below for MUP 4** Music Ensemble course options.<br>• Courses offered in spring semester only: MTC 223, MUE 260, MUE 261, MUP 134, MUP 232.<br>• Participate in clinical work at ASU's Music Therapy Clinic. |
| MUP 111: Studio Instruction | 2 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUE 260: Repertoire for Music Therapy | 2 | C | |
| MUP 134: Class Voice | 1 | C | |
| MUP 232: Class Piano | 1 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | | |
| Complete MTC 221 AND MUP 132. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 64 - 80 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUE 384: Therapy Practicum I | 1 | C | • Please see Upper Division MHL course lists for options - at least 1 Upper Division MHL needs to be through present time.<br>• A minimum of 4 hours of Advanced Performance is required. Students may complete this requirement by taking 4 hours of MUP 311: Studio Instruction or by substituting Advanced Performance classes toward this requirement - please refer to the Advanced Performance course list below for options.<br>• See course list below for MUP 4** Music Ensemble course options.<br>• Courses offered in fall semesters only: MUE 467.<br>• Gather a list of professional references. |
| MUE 467: Music Therapy Theory and Practice I | 3 | C | |
| MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting | 1 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C | |
| PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | | |
| PSY 366: Abnormal Psychology (SB) | 3 | | |
| MHL course (HU) Upper Division | 3 | C | |
| Upper Division Advanced Performance Course | 1-2 | C | |
| Complete MTC 222 AND MUP 231. | | | |
| Term hours subtotal: | 16-17 | | |

| | | Minimum | |
|---|---|---|---|

| Term 6 80 - 94 Credit Hours Necessary course signified by | Hours | Grade | Notes |
|---|---|---|---|
| MUE 385: Therapy Practicum II | 1 | C | • Please see Upper Division MHL course lists for options - at least 1 Upper Division MHL needs to be through present time.<br>• A minimum of 4 hours of Advanced Performance is required. Students may complete this requirement by taking 4 hours of MUP 311: Studio Instruction or by substituting Advanced Performance classes toward this requirement - please refer to the Advanced Performance course list below for options.<br>• See course list below for MUP 4** Music Ensemble course options.<br>• Courses offered in spring semesters only: MUE 381, MUE 463.<br>• Complete two clinical experiences. |
| MUE 463: Music Therapy Theory and Practice II | 3 | C | |
| MUE 381: Music Therapy Research (L) | 3 | C | |
| MUE 434: Health Rhythms Drum Facilitation | 2 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C | |
| MHL Upper Division Elective | 3 | C | |
| Upper Division Advanced Performance Course | 1-2 | C | |
| Complete MTC 223 AND MUP 232. | | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14-15 | | |

| Term 7 94 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUE 386: Therapy Practicum III | 2 | C | • A minimum of 4 hours of Advanced Performance is required. Students may complete this requirement by taking 4 hours of MUP 311: Studio Instruction or by substituting Advanced Performance classes toward this requirement - please refer to the Advanced Performance course list below for options.<br>• Courses offered in fall semester only: MUE 441, MUE 475. |
| BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | | |
| MUE 441: Psychology of Music | 3 | C | |
| MUE 475: Group Process and Music Therapy | 3 | C | |
| Upper Division Advanced Performance Course | 1-2 | C | |
| Term hours subtotal: | 13-14 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUE 387: Therapy Practicum IV | 2 | C | • A minimum of 4 hours of Advanced Performance is required. Students may complete this requirement by taking 4 hours of MUP 311: Studio Instruction or by substituting Advanced Performance classes toward this requirement - please refer to the Advanced Performance course list below for options.<br>• Complete clinical experiences and apply for a formal internship.<br>• Students register for MUE 476 (6-month internship) in the last semester and complete it after finishing all coursework for the degree. Degree is posted after completion of all requirements and the internship. |
| MUE 476: Internship in Music Therapy | 1 | C | |
| DCE Elective | 2 | | |
| Upper Division Advanced Performance Course | 1-2 | C | |
| Upper Division Literacy and Critical Inquiry (L) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 13-14 | | |

Hide Course List(s)/Track Group(s)

| Advanced Performance Course List | 4** MUP Music Ensembles Course List | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---|---|---|
| MUP 311: Studio Instruction | MUP 442: Instrumental Ensembles | MHL 341: Music History I (HU) |
| MUP 321: Studio Instruction | MUP 443: Choral Ensembles | MHL 342: Music History II (HU) |

| | | |
|---|---|---|
| MUP 417: Applied Jazz Improvisation | MUP 458: ASU Gospel Choir | MHL 344: Music in World Cultures (HU & G) |
| MUP 479: Piano Ensemble | MUP 479: Chamber Music Ensembles | MHL 365: Popular Music and Race ((L or HU) & C) |
| MUP 485: Percussion Ensemble | MUP 486: Jazz Band | MHL 394: Music in the Middle East |
| MUP 489: Ethnomusicology Ensembles | | MHL 394: Music in Renaissance Cities |
| | | MHL 439: Topics in 19th-Century Music ((L or HU) & H) |
| | | MHL 440: Topics in 20th-Century Music (L or HU) |
| | | MHL 494: Concerts in the 20th Century |
| | | MHL 494: Music and Film |
| | | MHL 494: Music and Healing |
| | | MHL 494: Music of the Silk Road |
| | | MHL 494: Recycled Music: Medieval to Modern |

| |
|---|
| MHL Upper Division Elective through present time course list: Choose 1 course (3 credits) |
| MHL 342: Music History II (HU) |
| MHL 344: Music in World Cultures (HU & G) |
| MHL 365: Popular Music and Race ((L or HU) & C) |
| MHL 394: Music in the Middle East |
| MHL 440: Topics in 20th-Century Music (L or HU) |
| MHL 494: Concerts in the 20th Century |
| MHL 494: Music and Film |
| MHL 494: Music and Healing |
| MHL 494: Music of the Silk Road |
| MHL 494: Recycled Music: Medieval to Modern |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Performance (Collaborative Piano), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPPBM

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience is required of all freshman music majors.<br>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered fall semester only: MTC 125, MUP 101.<br>• Complete resume in MUP 101. |
| Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| MUP 127: Studio Instruction | 4 | C | |
| MUP 479: Piano Ensemble | 1 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in spring semester only: MTC 221.<br>• Familiarize yourself with information about musicians' health. |
| MUP 479: Piano Ensemble | 1 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | • Applicability of transfer credit for studio instruction is determined based on successful |
| MUP 250: Diction for Singers | 1 | C | |

| | | |
|---|---|---|
| MUP 479: Piano Ensemble | 1 | C |
| MTC 222: Music Theory: 19th Century | 3 | C |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete MTC 125 by end of term 3. | | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

- completion of audition and review of transcripts.
- Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by end of term 3 will negatively impact ability to complete degree in four years.
- MUP 250 Italian Diction is offered in odd numbered fall semesters only.
- MUP 250 German Diction is offered in even numbered spring semesters only.
- MUP 250 French Diction is offered in even numbered fall semesters only.
- Courses offered in fall semester only: MTC 222.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| **Term 4 47 - 61 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete MTC 221 by end of term 4. | | | |
| Term hours subtotal: | 14 | | |

- Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.
- Audition is required after term 4 to continue into MUP 337: Collaborative Piano Studio.
- Courses offered in spring semester only: MTC 223.

| **Term 5 61 - 76 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MUP 495: Performance | 0 | Y | |
| MHL course (HU) Upper Division | 3 | C | |
| MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting | 1 | C | |
| MUP 311: Studio Instruction | 2 | C | |
| MUP 337: Studio Instruction: Collaborative Piano | 2 | C | |
| MUP 388: Collaborative Piano | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete MTC 222 by end of term 5. | | | |
| Term hours subtotal: | 15 | | |

- Course offered in fall semester only: MUP 210.

| **Term 6 76 - 91 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MUP 495: Performance | 0 | Y | |
| MHL course (HU) Upper Division | 3 | C | |
| MTC 428: Advanced Form and Analysis | 3 | C | |
| MUP 311: Studio Instruction | 2 | C | |
| MUP 337: Studio Instruction: Collaborative Piano | 2 | C | |
| MUP 388: Collaborative Piano | 1 | C | |

- MTC 428, MUP 451: Piano Chamber Music, and MUP 453 are offered in odd numbered spring semesters only.
- Certain studios may require an additional semester of repertoire; please check with your studio professor.
- Gather a list of professional references.

| | | |
|---|---|---|
| MUP 451: Piano Chamber Music | 2 | C |
| MUP 453: Art Song Repertoire OR MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 2 | C |
| ★ Complete MTC 223 by end of term 6. | | |
| ★ Complete MUP 209 OR MUP 210 by end of term 6. | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

| **Term 7 91 - 106 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MUP 496: Performance | 0 | Y | • Prepare, publicize, and present a public performance. |
| MHL course (L) Upper Division | 3 | C | |
| MUP 311: Studio Instruction | 2 | C | |
| MUP 337: Studio Instruction: Collaborative Piano | 2 | C | |
| MUP 388: Collaborative Piano | 1 | C | |
| MUP 487: Collaborative Piano | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| **Term 8 106 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MUP 496: Performance | 0 | Y | • MUP 453 offered in odd spring semesters only. |
| MUP 311: Studio Instruction | 2 | C | |
| MUP 337: Studio Instruction: Collaborative Piano | 2 | C | |
| MUP 388: Collaborative Piano | 1 | C | |
| MUP 453: Art Song Repertoire OR MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 2 | C | |
| *Complete 2 courses:* MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 4 | C | |
| Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| | | |
|---|---|---|
| MUP 4** Ensembles Course List | Upper Division MHL (HU) Pre-1900 course list: Choose 1 course (3 credits) | Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) |
| MUP 443: Choral Ensembles | MHL 341: Music History I (HU) | MHL 342: Music History II (HU) |
| MUP 450: Choral Union | MHL 394: Music in Renaissance Cities | MHL 344: Music in World Cultures (HU & G) |
| MUP 455: Arizona Statesmen | MHL 439: Topics in 19th-Century Music ((L or HU) & H) | MHL 365: Popular Music and Race ((L or HU) & C) |
| MUP 457: Sol Singers | | |
| MUP 479: Chamber Music Ensembles | | |

MUP 485: Percussion Ensemble

MUP 486: Jazz Band

MUP 489: Ethnomusicology Ensembles

MHL 394: Music in the Middle East

MHL 440: Topics in 20th-Century Music (L or HU)

MHL 494: Concerts in the 20th Century

MHL 494: Music and Film

MHL 494: Music and Healing

MHL 494: Music of the Silk Road

MHL 494: Recycled Music: Medieval to Modern

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Performance (Guitar), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPGBM

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • MUP 101: The ASU School of Music Experience required of all first-year music majors.<br>• Completion of Piano Diagnostic Exam determines placement into Class Piano courses.<br>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered fall semester only: MTC 125, MUP 101, MUP 131.<br>• Complete resume in MUP 101. |
| Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| MUP 127: Studio Instruction | 4 | C | |
| MUP 479: Guitar Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in spring semester only: MTC 221, MUP 132.<br>• Familiarize yourself with information about musicians' health. |
| MUP 479: Guitar Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | |
| MUP 479: Guitar Ensemble | 1 | C | |

| | | |
|---|---|---|
| MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 231: Class Piano | 1 | C |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete MTC 125 AND MUP 131 course(s). | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15 | |

- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by end of term 3 will negatively impact ability to complete degree in four years.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | |
| MUP 479: Guitar Ensemble | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 232: Class Piano | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete MTC 221 AND MUP 132 course(s). | | | |
| Term hours subtotal: | 15 | | |

- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- For Music Elective options, please refer to Recommended Music Electives list.
- Courses offered in spring semester only: MTC 223, MUP 232.

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MHL course (HU) Upper Division | 3 | C | |
| MUP 327: Studio Instruction | 4 | C | |
| MUP 479: Guitar Ensemble | 1 | C | |
| MTC 320: Modal Counterpoint OR MTC 321: Tonal Counterpoint | 2 | C | |
| MUP 210: Beginning Instrumental Conducting OR MUP 209: Beginning Choral Conducting | 1 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete MTC 222 AND MUP 231 course(s). | | | |
| Term hours subtotal: | 15 | | |

- One semester of counterpoint is required. Choose from MTC 320 (modal - odd fall semesters) or MTC 321 (tonal - even spring semesters). Complete by end of term 6.
- Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MUP 210.

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MHL course (HU) Upper Division | 3 | C | |
| MUP 327: Studio Instruction | 4 | C | |
| MUP 479: Guitar Ensemble | 1 | C | |
| MUP 495: Performance | 0 | Y | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Complete MTC 223 AND MUP 232 course(s). | | | |

- MTC 321 offered in even numbered spring semesters only.
- Gather a list of professional references.

| | | |
|---|---|---|
| ★ Complete MTC 320 OR MTC 321. | | |
| Term hours subtotal: | 15 | |

| Term 7 91 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MUP 327: Studio Instruction | 4 | C | • For Music Elective options, please refer to Recommended Music Electives list. |
| ★ MUP 479: Guitar Ensemble | 1 | C | |
| MUP 481: Performance Pedagogy and Materials | 2 | C | |
| MHL course (L) Upper Division | 3 | C | |
| *Complete 2 courses:* MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 6 | C | |
| Term hours subtotal: | 16 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MUP 327: Studio Instruction | 4 | C | • For Music Elective options, please refer to Recommended Music Electives list.<br>• Prepare, publicize, and present a public performance. |
| ★ MUP 479: Guitar Ensemble | 1 | C | |
| ★ MUP 496: Performance | 0 | Y | |
| MUP 451: Repertoire | 2 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective | 3 | C | |
| Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Recommended Music Electives |
|---|
| MHL 201: Media Literacy for Musicians (CS) |
| MHL 439: Topics in 19th-Century Music ((L or HU) & H) |
| MHL 440: Topics in 20th-Century Music (L or HU) |
| MUP 340: Intermediate Conducting |
| MUP 451: Repertoire |

| Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---|
| MHL 341: Music History I (HU) |
| MHL 342: Music History II (HU) |
| MHL 344: Music in World Cultures (HU & G) |
| MHL 365: Popular Music and Race ((L or HU) & C) |
| MHL 394: Music in Renaissance Cities |
| MHL 394: Music in the Middle East |
| MHL 439: Topics in 19th-Century Music ((L or HU) & H) |
| MHL 440: Topics in 20th-Century Music (L or HU) |
| MHL 494: Concerts in the 20th Century |
| MHL 494: Music and Film |
| MHL 494: Music and Healing |

| Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) |
|---|
| MHL 342: Music History II (HU) |
| MHL 344: Music in World Cultures (HU & G) |
| MHL 365: Popular Music and Race ((L or HU) & C) |
| MHL 394: Music in the Middle East |
| MHL 440: Topics in 20th-Century Music (L or HU) |
| MHL 494: Concerts in the 20th Century |
| MHL 494: Music and Film |
| MHL 494: Music and Healing |
| MHL 494: Music of the Silk Road |
| MHL 494: Recycled Music: Medieval to Modern |

MHL 494: Music of the Silk Road

MHL 494: Recycled Music: Medieval to Modern

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map
# Performance (Jazz), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPJBM

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • MUP 101: The ASU School of Music Experience is required of all first-year music majors.<br>• Completion of Piano Diagnostic Exam determines placement into Class Piano courses.<br>• Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered fall semester only: MTC 125, MUP 101, MUP 131.<br>• Complete resume in MUP 101. |
| Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| MUP 111: Studio Instruction | 2 | C | |
| MUP 117: Applied Jazz Improvisation | 1 | C | |
| MUP 479: Jazz Combo | 1 | C | |
| MUP 479: Jazz Studio Classes | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 111: Studio Instruction | 2 | C | • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in spring semester only: MTC 221, MTC 440, MUP 132.<br>• Familiarize yourself with information about musicians' health. |
| MUP 117: Applied Jazz Improvisation | 1 | C | |
| MUP 479: Jazz Combo | 1 | C | |
| MUP 479: Jazz Studio Classes | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MTC 440: Jazz Theory and Ear Training | 2 | C | |
| MUP 132: Class Piano | 1 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

Term hours subtotal: 17

| Term 3 33 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 111: Studio Instruction | 2 | C | • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by term 3 will negatively impact ability to complete degree in four years.<br>• Courses offered in fall semester only: MTC 222, MUP 235.<br>• Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences. |
| MUP 217: Applied Jazz Improvisation | 2 | C | |
| MUP 479: Jazz Combo | 1 | C | |
| MUP 479: Jazz Studio Classes | 1 | C | |
| MTC 222: Music Theory: 19th Century | 3 | C | |
| MUP 235: Jazz Piano | 1 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete MTC 125 AND MUP 131. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 47 - 64 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 111: Studio Instruction | 2 | C | • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in spring semester only: MTC 223, MUP 236. |
| MUP 217: Applied Jazz Improvisation | 2 | C | |
| MUP 479: Jazz Combo | 1 | C | |
| MUP 479: Jazz Studio Classes | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 236: Jazz Piano | 1 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete MTC 221 AND MUP 132. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 64 - 80 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 311: Studio Instruction | 2 | C | • MTC 415 offered in fall semesters only. |
| MUP 417: Applied Jazz Improvisation | 2 | C | |
| MHL course (HU) Upper Division | 3 | C | |
| MTC 415: Scoring for Instrumental Jazz Ensembles I | 2 | C | |
| MUP 479: Jazz Combo | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | | |
| Complete MTC 222 AND MUP 235 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 6 80 - 95 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 311: Studio Instruction | 2 | C | • Courses offered in spring semester only: MTC 416, MUP 319.<br>• Gather a list of professional references. |
| MUP 417: Applied Jazz Improvisation | 2 | C | |

| | | |
|---|---|---|
| ★ MUP 495: Performance | 0 | Y |
| ★ MHL course (HU) Upper Division | 3 | C |
| MTC 416: Scoring for Instrumental Jazz Ensembles II | 2 | C |
| MUP 319: Advanced Audio Engineering in the Arts | 2 | C |
| MUP 479: Jazz Combo | 1 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| ★ Complete MTC 223 AND MUP 236 course(s). | | |
| Term hours subtotal: | 15 | |

| **Term 7** 95 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MUP 311: Studio Instruction | 2 | C | |
| MUP 486: Jazz Band | 1 | C | • Prepare, publicize, and present a public performance. |
| MHL course (L) Upper Division | 3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective | 3 | C | |
| Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | |
| Term hours subtotal: | 12 | | |

| **Term 8** 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MUP 311: Studio Instruction | 2 | C | • Course offered in spring semester only: MTC 441. |
| ★ MUP 495: Performance | 0 | Y | |
| MTC 441: Jazz Composition | 2 | C | |
| MUP 486: Jazz Band | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 2 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---|---|
| MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MHL 365: Popular Music and Race ((L or HU) & C) | MHL 344: Music in World Cultures (HU & G) |
| MHL 394: Music in the Middle East | MHL 365: Popular Music and Race ((L or HU) & C) |
| MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in the Middle East |
| | MHL 394: Music in Renaissance Cities |

| | |
|---|---|
| MHL 494: Concerts in the 20th Century | MHL 439: Topics in 19th-Century Music ((L or HU) & H) |
| MHL 494: Music and Film | MHL 440: Topics in 20th-Century Music (L or HU) |
| MHL 494: Music and Healing | MHL 494: Concerts in the 20th Century |
| MHL 494: Music of the Silk Road | MHL 494: Music and Film |
| MHL 494: Recycled Music: Medieval to Modern | MHL 494: Music and Healing |
| | MHL 494: Music of the Silk Road |
| | MHL 494: Recycled Music: Medieval to Modern |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Performance (Keyboard), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPKBM

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Freshman music majors take MUP 101: The ASU School of Music Experience.<br>• For MUP 4** Ensemble course options, choose from a variety of ensemble experiences - see course lists at bottom of map. Students receiving Music Scholarships should register for MUP 487 in Term 1.<br>• Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in fall semester only: MTC 125, MUP 101.<br>• Complete resume in MUP 101. |
| Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| MUP 127: Studio Instruction | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| 4** MUP Ensembles | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• For MUP 4** Ensemble course options, you need to select at least 1 ensemble from each of the below categories: (1) Small Ensemble, (2) Large Ensemble, (3) Choral Ensemble, & (4) Jazz, Ethno, World Music, or Popular Music Ensemble. Courses available in each category are listed at the bottom of this major map.<br>• Course offered in spring semester only: MTC 221.<br>• Familiarize yourself with information about musicians' health. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| 4** MUP Ensembles | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | |

| | | |
|---|---|---|
| MTC 222: Music Theory: 19th Century | 3 | C |
| 4** MUP Ensembles | 1 | C |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete MTC 125. | | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15 | |

- Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.
- For MUP 4** Ensemble course options, you need to select at least 1 ensemble from each of the below categories: (1) Small Ensemble, (2) Large Ensemble, (3) Choral Ensemble, & (4) Jazz, Ethno, World Music, or Popular Music Ensemble. Courses available in each category are listed at the bottom of this major map.
- Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by the end of term 3 will negatively impact ability to complete degree in four years.
- Courses offered in fall semester only: MTC 222.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| **Term 4 47 - 62 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| 4** MUP Ensembles | 1 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete MTC 221. | | | |
| Term hours subtotal: | 15 | | |

- Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.
- For MUP 4** Ensemble course options, you need to select at least 1 ensemble from each of the below categories: (1) Small Ensemble, (2) Large Ensemble, (3) Choral Ensemble, & (4) Jazz, Ethno, World Music, or Popular Music Ensemble. Courses available in each category are listed at the bottom of this major map.
- Course offered in spring semester only: MTC 223.

| **Term 5 62 - 77 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MUP 327: Studio Instruction | 4 | C | |
| MHL course (HU) Upper Division | 3 | C | |
| MTC 425: Studies in 20th- and 21st-Century Theory | 3 | C | |
| MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting | 1 | C | |
| MUP 451: Piano Lit I OR MUP 481: Piano: Beginner | 2 | C | |
| MUP 479: Piano Ensemble | 1 | C | |
| MUP 487: Collaborative Piano | 1 | C | |
| Complete MTC 222. | | | |
| Term hours subtotal: | 15 | | |

- **Pedagogy and Repertoire**: Students must complete MUP 451 Piano Lit I, MUP 451 Piano Lit II, and MUP 481 Piano Beginner to complete this requirement. Courses can be taken in any order.
- **Students who enter in an odd catalog year will take the courses in this sequence**: MUP 451 Piano Lit I (odd fall, term 5), MUP 451 Piano Lit II (even spring, term 6), MUP 481 Piano Beginner (even fall, term 7).
- **Students who enter in an even catalog year will take the courses in this sequence**: MUP 481 Piano Beginner (even fall, term 5), MUP 451 Piano Lit I (odd fall, term 7), MUP 451 Piano Lit II (even spring, term 8).
- Courses offered in fall semester only: MTC 425, MUP 210, MUP 487.

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MUP 327: Studio Instruction | 4 | C | • MUP 451 Piano Chamber Music (odd springs) and/or MUP 482 Intermediate (odd springs) recommended for upper division music elective.<br>• MUP 451 Piano Lit II is offered in even springs.<br>• Course offered in spring semester only: MUP 440 (odd numbered spring semesters only).<br>• Recommended Electives for the 21st-Century Keyboard Musician: MUP451: Repertoire - Contemporary, MUP484: Applied Piano Technology, MUP438 The Enterprising Musician, MSC194: Music Production I, MSC294: Music Production II, MUP451: Repertoire - Schoenberg.<br>• Gather a list of professional references. |
| ★ MUP 495: Performance | 0 | Y | |
| ★ MHL course (HU) Upper Division | 3 | C | |
| MUP 121: Organ OR MUP 121: Harpsichord | 1 | C | |
| MUP 440: Keyboard Harmony | 1 | C | |
| MUP 451: Piano Lit II OR MDC OR MHL OR MTC OR MUE OR MUP OR MSC Upper Division Elective | 2 | C | |
| MUP 479: Piano Ensemble | 1 | C | |
| MDC OR MHL OR MTC OR MUE OR MUP OR MSC Elective | 3 | C | |
| ★ Complete MTC 223. | | | |
| ★ Complete MUP 209 OR MUP 210. | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MUP 327: Studio Instruction | 4 | C | • MUP 451 Piano Lit I is offered in odd-numbered fall semesters.<br>• MUP 481 Piano Beginner is offered in even-numbered fall semesters.<br>• Course offered in fall semester only: MUP 487.<br>• Recommended Electives for the 21st-Century Keyboard Musician: MUP451: Repertoire - Contemporary, MUP484: Applied Piano Technology, MUP438 The Enterprising Musician, MSC194: Music Production I, MSC294: Music Production II, MUP451: Repertoire - Schoenberg. |
| MHL course (L) Upper Division | 3 | C | |
| MUP 451: Piano Lit I OR MUP 481: Piano: Beginner | 2 | C | |
| MUP 487: Collaborative Piano | 1 | C | |
| MDC OR MHL OR MTC OR MUE OR MUP OR MSC Elective | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MUP 327: Studio Instruction | 4 | C | • MUP 451 Piano Chamber Music (odd spring semesters) and/or MUP 482 Intermediate (odd spring semesters) recommended for upper division music elective.<br>• MUP 451 Piano Lit II is offered in even spring semesters.<br>• Prepare, publicize, and present a public performance. |
| ★ MUP 496: Performance | 0 | Y | |
| MUP 451: Piano Lit II OR MDC OR MHL OR MTC OR MUE OR MUP OR MSC Upper Division Elective | 2 | C | |
| MHL Upper Division Elective | 3 | C | |
| MDC OR MHL OR MTC OR MUE OR MUP OR MSC Upper Division Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) Pre-1900 course list: Choose 1 course (3 credits) | Jazz, Ethno, World Music, or Popular Music Ensemble |
|---|---|---|
| MHL 342: Music History II (HU) | MHL 341: Music History I (HU) | MUP 441: Popular Music Ensemble |
| MHL 344: Music in World Cultures (HU & G) | MHL 394: Music in Renaissance Cities | MUP 458: ASU Gospel Choir |
| MHL 365: Popular Music and Race ((L or HU) & C) | MHL 439: Topics in 19th-Century Music ((L or HU) & H) | MUP 485: Steel Band |
| MHL 394: Music in the Middle East | | MUP 486: Jazz Band |
| MHL 440: Topics in 20th-Century Music (L or HU) | | MUP 489: Ethnomusicology Ensembles |
| MHL 494: Concerts in the 20th Century | | |
| MHL 494: Music and Film | | |
| MHL 494: Music and Healing | | |
| MHL 494: Music of the Silk Road | | |
| MHL 494: Recycled Music: Medieval to Modern | | |

| Small Ensemble | Choral Ensemble | Large Instrumental Ensemble |
|---|---|---|
| MUP 460: The Visiting Quartet Residency Program | MUP 443: Choral Ensembles | MUP 442: Instrumental Ensembles |
| MUP 476: New Music Ensemble | MUP 450: Choral Union | MUP 476: New Music Ensemble |
| MUP 479: Chamber Music Ensembles | MUP 455: Arizona Statesmen | MUP 485: Percussion Ensemble |
| | MUP 457: Sol Singers | |
| | MUP 458: ASU Gospel Choir | |
| | MUP 459: Barrett Choir | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Performance (Music Theatre), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPMBM

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All freshman music majors take MUP 101: The ASU School of Music Experience to satisfy the First Year Seminar requirement.<br>• Completion of Piano Diagnostic Exam determines placement into Class Piano courses.<br>• Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Music Theatre I - VIII must be taken in sequence in the semesters indicated.<br>• Courses offered in fall semester only: MTC 125, MUP 101, MUP 131, MUP 170.<br>• Complete resume in MUP 101. |
| Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| MUP 111: Studio Instruction | 2 | C | |
| MUP 170: Music Theatre I | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| MUP 467: Music Theatre Dance Technique | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 34 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 111: Studio Instruction | 2 | C | • Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in spring semester only: MTC 221, MUP 132, MUP 172.<br>• Familiarize yourself with information about musicians' health. |
| MUP 172: Music Theatre II | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| MUP 467: Music Theatre Dance Technique | 1 | C | |
| THF 101: Acting Introduction OR THP 102: Acting I: Fundamentals OR MUP 494: Music Theatre Acting and Movement | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 18 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 34 - 49 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| MUP 111: Studio Instruction | 2 | C | • Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.<br>• MUP 373: Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester.<br>• DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below.<br>• Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by end of term 3 will negatively impact ability to complete degree in four years.<br>• Courses offered in fall semester only: MTC 222, MUP 231, MUP 270.<br>• Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences. |
| MUP 270: Music Theatre III | 2 | C | |
| MUP 373: Music Theatre Performance and Production | 1 | C | |
| MUP 374: Technical Production I (Foundations) | 1 | C | |
| DCE Movement Elective | 2 | C | |
| MTC 222: Music Theory: 19th Century | 3 | C | |
| MUP 231: Class Piano | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 49 - 64 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 111: Studio Instruction | 2 | C | • Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.<br>• MUP 373: Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester.<br>• DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below.<br>• Courses offered in spring semester only: MTC 223, MUP 272. |
| MUP 272: Music Theatre IV | 2 | C | |
| MUP 373: Music Theatre Performance and Production | 1 | C | |
| MUP 374: Technical Production II (Practicum) | 1 | C | |
| DCE Movement Elective | 2 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 5 64 - 80 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 311: Studio Instruction | 2 | C | • MUP 373: Music Theatre majors must audition for all productions, obtain permission to participate in off-campus productions, and complete 10 technical hours per semester.<br>• DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below.<br>• Courses offered in fall semester only: MUP 360, MUP 370, MUP 471. |
| MUP 370: Music Theatre V | 2 | C | |
| MUP 373: Music Theatre Performance and Production | 1 | C | |
| MHL course (HU) Upper Division | 3 | C | |
| MUP 360: Musicianship for Singers | 1 | C | |
| MUP 471: Audition Training (Musical Theatre) | 1 | C | |
| DCE Movement Elective | 2 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 80 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MUP 311: Studio Instruction | 2 | C |
| MUP 373: Music Theatre Performance and Production | 1 | C |
| MUP 465: Music Theatre VI | 2 | C |
| MHL course (HU) Upper Division | 3 | C |
| MUP 451: Music Theatre Repertoire | 2 | C |
| DCE Movement Elective | 1-2 | C |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 14-15 | |

- MUP 373: Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester.
- DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below.
- Courses offered in spring semester only: MUP 451: Music Theatre Repertoire, MUP 465.
- Certain studios may require an additional semester of repertoire; please check with your studio professor.
- Gather a list of professional references.

| **Term 7 94 - 107 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MUP 311: Studio Instruction | 2 | C | |
| MUP 373: Music Theatre Performance and Production | 1 | C | |
| MUP 470: Music Theatre VII | 2 | C | |
| MUP 466: Broadway Dance | 2 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR THF OR THP OR MSC Upper Division Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 13 | | |

- MUP 373: Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester.
- Courses offered in fall semester only: MUP 470.
- Prepare, publicize, and present a public performance.

| **Term 8 107 - 120 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MUP 311: Studio Instruction | 2 | C | |
| MUP 373: Music Theatre Performance and Production | 1 | C | |
| MUP 472: Music Theatre VIII | 2 | C | |
| MUP 466: Broadway Dance | 2 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 13 | | |

- MUP 373: Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester.
- Courses offered in spring semester only: MUP 472.

Hide Course List(s)/Track Group(s)

| DCE Movement Electives | Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---|---|---|
| DCE 110: Argentine Tango I | MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| DCE 120: Contemporary/Modern I | MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| DCE 121: Ballet I | MHL 365: Popular Music and Race ((L or HU) & C) | MHL 344: Music in World Cultures (HU & G) |
| DCE 122: Jazz I | MHL 394: Music in the Middle East | MHL 365: Popular Music and Race ((L or HU) & C) |
| DCE 123: Nonmajors Hip Hop I | | MHL 394: Music in the Middle East |
| DCE 124: Latin/Swing/Ballroom I | | |

DCE 125: Afro-Latin Salsa I

DCE 126: Country-Western

DCE 133: Hip Hop I

DCE 134: Postmodern Contemporary I

DCE 135: Contemporary Ballet I

DCE 136: Somatic Practices I

DCE 139: Afro-Latin Movement Practices I

DCE 194: Tap

DCE 210: Argentine Tango II

DCE 220: Contemporary/Modern II

DCE 221: Ballet II

DCE 224: Latin/Swing/Ballroom II

DCE 225: Afro-Latin/Salsa II

DCE 239: Afro-Latin Movement Practices II

DCE 294: Jazz Practices

DCE 324: Latin/Swing/Ballroom III

DCE 394: Jazz III

DCE 339: Afro-Latin Movement Practices III

DCE 494: Latin/Salsa IV

MUP 494: Music Theatre Dance: Tap I

MUP 494: Music Theatre Dance: Tap II

MHL 440: Topics in 20th-Century Music (L or HU)

MHL 494: Concerts in the 20th Century

MHL 494: Music and Film

MHL 494: Music and Healing

MHL 494: Music of the Silk Road

MHL 494: Recycled Music: Medieval to Modern

MHL 394: Music in Renaissance Cities

MHL 439: Topics in 19th-Century Music ((L or HU) & H)

MHL 440: Topics in 20th-Century Music (L or HU)

MHL 494: Concerts in the 20th Century

MHL 494: Music and Film

MHL 494: Music and Healing

MHL 494: Music of the Silk Road

MHL 494: Recycled Music: Medieval to Modern

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Performance (Orchestral Instrument), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPOBM

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All freshmen take MUP 101: The ASU School of Music Experience to satisfy the First Year Seminar requirement.<br>• Completion of Piano Diagnostic Exam determines placement into Class Piano courses.<br>• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in fall semester only: MTC 125, MUP 101, MUP 131.<br>• Complete resume in MUP 101. |
| Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| MUP 127: Studio Instruction | 4 | C | |
| MUP 442: Instrumental Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in spring semester only: MTC 221, MUP 132.<br>• Familiarize yourself with information about musicians' health. |
| MUP 442: Instrumental Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | |
| MUP 442: Instrumental Ensembles | 1 | C | |

| | | |
|---|---|---|
| MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 231: Class Piano | 1 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete MTC 125 AND MUP 131 course(s). | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by term 3 will negatively impact ability to complete degree in four years.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| **Term 4** 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 127: Studio Instruction | 4 | C | |
| MUP 442: Instrumental Ensembles | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 232: Class Piano | 1 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete MTC 221 AND MUP 132 course(s). | | | |
| Term hours subtotal: | 16 | | |

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- Courses offered in spring semester only: MTC 223, MUP 232.

| **Term 5** 63 - 79 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 327: Studio Instruction | 4 | C | |
| MHL course (HU) Upper Division | 3 | C | |
| MUP 210: Beginning Instrumental Conducting | 1 | C | |
| MUP 442: Instrumental Ensembles | 1 | C | |
| MUP 479: Chamber Music Ensembles | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | | |
| Complete MTC 222 AND MUP 231 course(s). | | | |
| Term hours subtotal: | 16 | | |

- For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors. MUP 460 is acceptable for string and wind majors.
- MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.
- Course offered in fall semester only: MUP 210.

| **Term 6** 79 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 327: Studio Instruction | 4 | C | |
| MUP 495: Performance | 0 | Y | |
| MHL course (HU) Upper Division | 3 | C | |
| MUP 442: Instrumental Ensembles | 1 | C | |
| MUP 479: Chamber Music Ensembles | 1 | C | |
| MHL OR MTC OR MUE OR MUP OR MDC OR MSC Upper Division Elective | 2 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

- For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors. MUP 460 is acceptable for string and wind majors.
- MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.
- Gather a list of professional references.

| | | | |
|---|---|---|---|
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| ★ | Complete MTC 223 AND MUP 232 course(s). | | |
| | Term hours subtotal: | 14 | |

| Term 7 93 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MUP 327: Studio Instruction | 4 | C | • For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors. MUP 460 is acceptable for string and wind majors.<br>• MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.<br>• Certain studios may require an additional semester of repertoire; please check with your studio professor.<br>• Prepare, publicize, and present a public performance. |
| MHL course (L) Upper Division | 3 | C | |
| MUP 442: Instrumental Ensembles | 1 | C | |
| MUP 451: Repertoire | 2 | C | |
| MUP 479: Chamber Music Ensembles | 1 | C | |
| Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MUP 327: Studio Instruction | 4 | C | • For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors. MUP 460 is acceptable for string and wind majors.<br>• MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule. |
| ★ MUP 496: Performance | 0 | Y | |
| MUP 442: Instrumental Ensembles | 1 | C | |
| MUP 479: Chamber Music Ensembles | 1 | C | |
| MUP 481: Performance Pedagogy and Materials | 2 | C | |
| MHL OR MTC OR MUE OR MUP OR MDC OR MSC Upper Division Elective | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---|---|
| MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MHL 365: Popular Music and Race ((L or HU) & C) | MHL 344: Music in World Cultures (HU & G) |
| MHL 394: Music in the Middle East | MHL 365: Popular Music and Race ((L or HU) & C) |
| MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in the Middle East |
| MHL 494: Concerts in the 20th Century | MHL 394: Music in Renaissance Cities |
| MHL 494: Music and Film | MHL 439: Topics in 19th-Century Music ((L or HU) & H) |

| | |
|---|---|
| MHL 494: Music and Healing | MHL 440: Topics in 20th-Century Music (L or HU) |
| MHL 494: Music of the Silk Road | MHL 494: Concerts in the 20th Century |
| MHL 494: Recycled Music: Medieval to Modern | MHL 494: Music and Film |
| | MHL 494: Music and Healing |
| | MHL 494: Music of the Silk Road |
| | MHL 494: Recycled Music: Medieval to Modern |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Performance (Voice), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSPVBM

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All first-year students take MUP 101: The ASU School of Music Experience to satisfy the First-Year Seminar requirement.<br>• Completion of Piano Diagnostic Exam determines placement into Class Piano course.<br>• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• One year of high school language in Italian, French, or German recommended.<br>• Courses offered in fall semester only: MTC 125, MUP 101, MUP 131, MUP 170.<br>• Complete resume in MUP 101. |
| Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| MUP 111: Voice | 2 | C | |
| MUP 443: Choral Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| MUP 170: Music Theatre I | 2 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 111: Voice | 2 | C | • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in spring semester only: MTC 221, MUP 132, MUP 172.<br>• Familiarize yourself with information about musicians' health. |
| MUP 443: Choral Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| MUP 172: Music Theatre II | 2 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G) | 4 | C |
| MUP 111: Voice | 2 | C |
| MUP 443: Choral Ensembles | 1 | C |
| MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 231: Class Piano | 1 | C |
| MUP 250: Diction for Singers | 1 | C |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | |
| Complete MTC 125 AND MUP 131. | | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15 | |

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- All students must complete FRE 101, GER 101, & ITA 101. One semester may be waived with review of high school transcript -- see advisor.
- MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, and French is offered in even-numbered fall semesters.
- Students who start in an even-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 3: Italian, German, French.
- Students who start in an odd-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 5: Italian, German, French.
- Failure to complete MTC 125 by the end of term 3 will impact ability to complete degree in 4 years.
- Courses offered in fall semester only: MTC 222, MUP 231.

| **Term 4 46 - 63 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G) | 4 | C | |
| MUP 127: Studio Instruction | 4 | C | |
| MUP 443: Choral Ensembles | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 232: Class Piano | 1 | C | |
| MUP 250: Diction for Singers | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete MTC 221 AND MUP 132. | | | |
| Term hours subtotal: | 17 | | |

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- All students must complete FRE 101, GER 101, & ITA 101. One semester may be waived with review of high school transcript -- see advisor.
- Complete required Second Language 101 courses by the end of term 6.
- MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, and French is offered in even-numbered fall semesters.
- Courses offered in spring semester only: MTC 223, MUP 232.
- Talk to your studio instructor about ways to enhance your performance skills.
- Participate in at least two large ensemble performances and perform in studio class.

| **Term 5 63 - 79 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MUP 327: Studio Instruction | 4 | C | |
| Upper Division MHL - Cross-Historical AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |

- All students must complete FRE 101, GER 101, & ITA 101. One semester may be waived with review of high school transcript -- see advisor.

| | | |
|---|---|---|
| FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G) | 4 | C |
| MUP 250: Diction for Singers | 1 | C |
| MUP 360: Musicianship for Singers | 1 | C |
| MUP 443: Choral Ensembles | 1 | C |
| MUP 481: Performance Pedagogy and Materials OR MUP 451: Opera Repertoire | 2 | C |
| Complete MTC 222 AND MUP 231. | | |
| Term hours subtotal: | 16 | |

- MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, and French is offered in even-numbered fall semesters.
- Students starting in an even-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 3: Italian, German, French.
- Students starting in an odd-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 5: Italian, German, French.
- Students must complete 6 hours total of Pedagogy and Repertoire courses. MUP 451, MUP 453, and MUP 481 are required.
- Course offered in fall semester only: MUP 451.
- Courses offered in even-numbered fall semesters: MUP 481.
- Courses offered in odd-numbered spring semesters: MUP 453.

| **Term 6** 79 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 327: Studio Instruction | 4 | C | |
| MUP 495: Performance | 0 | Y | |
| Upper Division MHL course AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| MUP 443: Choral Ensembles | 1 | C | |
| MUP 453: Art Song Repertoire | 2 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete MTC 223 AND MUP 232. | | | |
| Complete Second Language 101. | | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

- MHL 440 is offered in fall only and MHL 439 is offered in spring only.
- Courses offered in odd-numbered spring semesters: MUP 453.
- Gather a list of professional references.

| **Term 7** 93 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MUP 327: Studio Instruction | 4 | C | |
| MUP 443: Choral Ensembles | 1 | C | |
| MUP 481: Performance Pedagogy and Materials OR MUP 451: Opera Repertoire | 2 | C | |
| MHL course (L) Upper Division | 3 | C | |
| Upper Division MUP Elective (MUP 471 recommended) | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete MUP 451 AND MUP 481 course(s). | | | |
| Term hours subtotal: | 14 | | |

- MHL 440 is offered in fall only and MHL 439 is offered in spring only.
- Courses offered in fall semester only: MUP 451.
- Courses offered in even-numbered fall semesters: MUP 481.

| **Term 8** 107 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MUP 327: Studio Instruction | 4 | C |
| MUP 496: Performance | 0 | Y |
| MUP 443: Choral Ensembles | 1 | C |
| MUP 471: Opera Scenes | 1 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Upper Division Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 13 | |

- Courses offered in odd-numbered spring semesters: MUP 453.
- Prepare, publicize, and present a public performance.
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| Upper Division MHL (HU) course list: Choose 1 course (3 credits) | Upper Division MHL - Cross-Historical course list: Choose 1 course (3 credits) |
|---|---|
| MHL 341: Music History I (HU) | MHL 342: Music History II (HU) |
| MHL 342: Music History II (HU) | MHL 494: Music and Healing |
| MHL 344: Music in World Cultures (HU & G) | MHL 494: Recycled Music: Medieval to Modern |
| MHL 365: Popular Music and Race ((L or HU) & C) | |
| MHL 394: Music in the Middle East | |
| MHL 394: Music in Renaissance Cities | |
| MHL 439: Topics in 19th-Century Music ((L or HU) & H) | |
| MHL 440: Topics in 20th-Century Music (L or HU) | |
| MHL 494: Concerts in the 20th Century | |
| MHL 494: Music and Film | |
| MHL 494: Music and Healing | |
| MHL 494: Music of the Silk Road | |
| MHL 494: Recycled Music: Medieval to Modern | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Performance and Movement - Dance and Theatre, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIPERMVBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 160: Creative Practice I | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125/DCE 170 fulfills this requirement. |
| DCE 170: First-Year Seminar I OR THF 125: Orientation to Film, Dance and Theatre | 1 | C | |
| Physical Practice Courses | 2-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| DCE 136: Somatic Practices I | 2 | C | |
| Mathematics (MA) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 126: Professional Development: Communication and Collaboration. | 2 | C | • Students are expected to reach the advanced level (3**) of at least one of the Physical Practices. Plan your Physical Practices courses to be able to do that in term 6<br>• Join an organization and/or participate in an off-campus performance project. |
| Physical Practice Courses | 2-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling (HU) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( DCE 240 OR FMP 255 recommended) | 3 | | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Physical Practice Courses | 3 | C | |
| DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | |
| Lower Division Creative Practice Courses | 3-4 | C | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | |
| Elective | 2 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15-16 | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Physical Practice Courses | 2-3 | C | • Develop your skills |
| HDA 252: Foundations Arts and Design Entrepreneurship | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 61 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Community Engagement and Education Courses | 3 | C | • Students are expected to reach the advanced level of one of the Physical Practices next term. |
| Upper Division Production and Technical Courses | 1-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 13-15 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 397: Professional Development Seminar | 1 | C | • Prepare for your optional internship next semester.<br>• Internships are strongly encouraged. |
| Upper Division History and Context | 3 | C | |
| Upper Division Physical Practice Courses | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective OR DCE Upper Division Elective | 3 | C | • Start networking professionally.<br>• Internships are strongly encouraged. |
| Upper Division Creative Practice | 2-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) ( DCE 405 OR THE 440 recommended) | 3 | | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 14-15 | |

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ DCE 461: Transition Project II OR THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project | 2-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16-17 | | |

Hide Course List(s)/Track Group(s)

| Physical Practice Courses |
|---|
| DCE 110: Argentine Tango I |
| DCE 111: Belly Dance I |
| DCE 112: Capoeira I |
| DCE 113: Dances of Africa I |
| DCE 114: Dances of India I |
| DCE 117: Feldenkrais I |
| DCE 120: Contemporary/Modern I |
| DCE 121: Ballet I |
| DCE 122: Jazz I |
| DCE 123: Nonmajors Hip Hop I |
| DCE 124: Latin/Swing/Ballroom I |
| DCE 125: Afro-Latin Salsa I |
| DCE 126: Country-Western |
| DCE 133: Hip Hop I |
| DCE 134: Postmodern Contemporary I |
| DCE 135: Contemporary Ballet I |
| DCE 136: Somatic Practices I |
| DCE 139: Afro-Latin Movement Practices I |
| DCE 210: Argentine Tango II |
| DCE 211: Belly Dance II |
| DCE 220: Contemporary/Modern II |

| Upper Division Physical Practice Courses |
|---|
| DCE 324: Latin/Swing/Ballroom III |
| DCE 333: Hip Hop III |
| DCE 334: Postmodern Contemporary III |
| DCE 335: Contemporary Ballet III |
| DCE 336: Somatic Practices III |
| DCE 338: Hip Hop Ensemble |
| DCE 339: Afro-Latin Movement Practices III |
| IAP 331: Performance, Acting, and the Individual |
| MUP 370: Music Theatre V |
| MUP 465: Music Theatre VI |
| MUP 466: Broadway Dance |
| MUP 470: Music Theatre VII |
| MUP 471: Music Theatre: Workshops |
| MUP 472: Music Theatre VIII |
| THP 301: Acting Mainstage |
| THP 302: Acting III: Advanced Techniques |
| THP 307: Acting: Ten-Minute Plays |
| THP 372: Acting: Advanced Movement |
| THP 377: Acting: Voice and Speech |
| THP 387: Screen Acting |

| Upper Division Production and Technical Courses |
|---|
| DCE 438: Dance Theatre Performance/Production |
| MUP 373: Music Theatre Performance and Production |
| MUP 374: Music Theatre Technical Production |
| THP 301: Production |
| THP 317: Stage Management |
| THP 331: Costume Construction |
| THP 332: Makeup |
| THP 335: Advanced Stagecraft |
| THP 345: Lighting Design |
| THP 350: Sound Design |
| THP 355: Media Design for Performance |
| THP 401: Theatre Practicum |
| THP 435: Technical Direction |
| THP 442: Rendering for Design and Production |
| THP 448: AutoCAD for Live Entertainment |
| THP 449: AutoCAD 3D for Live Entertainment |
| THP 451: Student Production Board II |

DCE 221: Ballet II

DCE 222: Jazz II

DCE 223: Nonmajors Hip Hop II

DCE 224: Latin/Swing/Ballroom II

DCE 225: Afro-Latin/Salsa II

DCE 233: Hip Hop II

DCE 234: Postmodern Contemporary II

DCE 236: Somatic Practices II

DCE 239: Afro-Latin Movement Practices II

MUP 170: Music Theatre I

MUP 172: Music Theatre II

MUP 270: Music Theatre III

MUP 272: Music Theatre IV

MUS 146: Singing for Nonmajors I

THF 101: Acting Introduction

THP 102: Acting I: Fundamentals

THP 202: Acting ll: Meisner Technique

THP 272: Introduction to Stage Movement

THP 277: Acting: Introduction to Voice

THP 420: Acting: Solo and Collaborative Performance

THP 482: Theatre for Social Change (C)

THP 483: Acting: Viewpoints and Composition

THP 489: Acting: Audition Techniques and Career Development

**Creative Practice Courses**

ART 116: Introduction to Digital Media

ART 216: Contemporary Art in Practice: Methods, Making, Meaning

DCE 161: Creative Practice II

DCE 240: Media for Dance (CS)

DCE 260: Second-Year Creative Practices I

DCE 261: Second-Year Creative Practices II

DCE 262: Rhythmic Theory for Dance I

FMP 201: Film: The Creative Process I (HU)

FMP 255: Media Authorship (CS)

FMP 261: Principles of Screenwriting

FMP 280: Introduction to Film and Media Production

HDA 210: Creativity and Innovation in Design and the Arts

MUS 100: Fundamentals of Music Notation

**Upper Division History and Context**

DCE 300: Dancing Histories (HU)

DCE 301: Dance Analysis and Theory (L or HU)

DCE 302: History of American Hip Hop Dance

DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (HU & C)

DCE 402: Ethnography of Dance Practices (L)

DCE 404: Dance and Ethics (L)

DCE 405: Writing the Creating Body (L or HU)

THE 320: History of the Theatre I (HU & H)

THE 321: History of the Theatre II (HU & H)

THE 322: Theatre History and Culture (HU & H)

THE 325: Play Reading for Educational Theatre

**Upper Division Community Engagement and Education Courses**

ART 442: Art and Community

DCE 350: Dance in the Classroom: Learning Through Movement (HU)

DCE 354: Creative Approaches to Teaching Dance I

DCE 356: Creative Approaches to Teaching Dance II

FMP 417: Business and Legal Practices in Entertainment

HDA 310: Socially Engaged Practice

HDA 311: Work and Careers in the Cultural and Creative Industries

HDA 420: Design and the Arts Business Administration

THE 325: Play Reading for Educational Theatre

THE 480: Methods of Teaching Theatre

THP 311: Creative Drama with Youth (L)

MTC 125: Basic Music Theory

MUS 145: Nonmajors Class Piano: Beginner

THP 213: Introduction to Technical Theatre

THP 214: Introduction to Costuming

THP 218: Directing I: Introduction to Directing

THP 260: Introduction to Playwriting

THE 421: Shakespeare: Stage and Film (L or HU)

THE 422: Latinx Theatre and Film (HU & C)

THE 423: African American Theatre (C)

THE 426: Pre-Columbian Theatre of the Americas

THE 429: Studies in European Literature and Culture ((L or HU) & G & H)

THE 430: History of Fashion I (HU)

THE 431: History of Fashion II: 20th-Century Fashion

THE 440: Experimental Theatre and Performance (L)

THP 351: Arts Management

THP 411: Methods of Teaching Drama

THP 450: Theatre Organization and Management

THP 482: Theatre for Social Change (C)

Upper Division Creative Practices

ART 443: Intermedia Performance

DCE 360: Third-Year Creative Practices I

DCE 361: Third-Year Creative Practices II

DCE 460: Transition Project I

DCE 461: Transition Project II

IAP 331: Performance, Acting, and the Individual

IAP 333: Directing for Performance

IAP 334: Conceptual Development in the Arts

THP 318: Directing II: Intermediate Directing

THP 330: Costume Design

THP 332: Makeup

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 360: Intermediate Playwriting

THP 420: Acting: Solo and Collaborative Performance

THP 428: Theatre Capstone/Senior Project

THP 440: Advanced Scene Design

THP 455: Advanced Media Design

THP 483: Acting: Viewpoints and Composition

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Performance and Movement - Hip Hop Arts, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIPERMVBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 133: Hip Hop I | 2 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125/DCE 170 fulfills this requirement. |
| DCE 160: Creative Practice I | 3 | C | |
| DCE 170: First-Year Seminar I OR THF 125: Orientation to Film, Dance and Theatre | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| DCE 136: Somatic Practices I | 2 | C | |
| Mathematics (MA) | 3 | | |
| Elective | 2-3 | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 133: Hip Hop I | 2 | C | • Students are expected to reach the advanced level (300-level) of at least one of the Physical Practices. Plan your Physical Practices courses to be able to do that in term 6.<br>• Join an student club or organization and/or participate in an off-campus performance project. |
| THF 126: School of Film, Dance and Theatre: First-Year Experience | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling (HU) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( DCE 240 OR FMP 255 recommended) | 3 | | |
| Elective | 2-3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | |
| DCE 233: Hip Hop II | 2 | C | |
| Lower Division Creative Practice Courses | 3-4 | C | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15-16 | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 233: Hip Hop II | 2 | C | • Develop your skills |
| HDA 252: Foundations Arts and Design Entrepreneurship | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3-4 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 333: Hip Hop III | 3 | C | • Students are expected to reach the advanced level of one of the Physical Practices next term. |
| DCE 338: Hip Hop Ensemble | 1 | C | |
| Upper Division Community Engagement and Education Courses | 3 | C | |
| Upper Division Production and Technical Courses | 1-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 14-16 | | |

| Term 6 75 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 333: Hip Hop III | 3 | C | • Prepare for your internship (optional) next semester.<br>• Internships are strongly encouraged. |
| DCE 338: Hip Hop Ensemble | 1 | C | |
| THF 397: Professional Development Seminar | 1 | C | |
| DCE 302: History of American Hip Hop Dance | 3 | C | |
| Upper Division Physical Practice | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 338: Hip Hop Ensemble | 1 | C | • DCE 333 is recommended as a DCE Upper Division Elective.<br>• Start networking professionally.<br>• Internships are strongly encouraged |
| DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship | 3 | C | |
| Upper Division Creative Practice | 2-3 | C | |

| | | |
|---|---|---|
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) ( DCE 405 OR THE 440 recommended) | 3 | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 15-16 | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ DCE 461: Transition Project II OR THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project | 2-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14-15 | | |

Hide Course List(s)/Track Group(s)

| Physical Practice Courses | Creative Practice Courses | Production and Technical Courses |
|---|---|---|
| DCE 110: Argentine Tango I | ART 116: Introduction to Digital Media | DCE 438: Dance Theatre Performance/Production |
| DCE 111: Belly Dance I | ART 216: Intermedia Practices | MUP 373: Music Theatre Performance and Production |
| DCE 112: Capoeira I | DCE 161: Creative Practice II | MUP 374: Music Theatre Technical Production |
| DCE 113: Dances of Africa I | DCE 240: Media for Dance (CS) | THP 301: Production |
| DCE 114: Dances of India I | DCE 260: Second-Year Creative Practices I | THP 317: Stage Management |
| DCE 117: Feldenkrais I | DCE 261: Second-Year Creative Practices II | THP 331: Costume Construction |
| DCE 120: Contemporary/Modern I | DCE 262: Rhythmic Theory for Dance I | THP 332: Makeup |
| DCE 121: Ballet I | FMP 201: Film: The Creative Process I (HU) | THP 335: Advanced Stagecraft |
| DCE 122: Jazz I | FMP 255: Media Authorship (CS) | THP 345: Lighting Design |
| DCE 123: Nonmajors Hip Hop I | FMP 261: Principles of Screenwriting | THP 350: Sound Design |
| DCE 124: Latin/Swing/Ballroom I | FMP 280: Introduction to Film and Media Production | THP 355: Media Design for Performance |
| DCE 125: Afro-Latin Salsa I | HDA 210: Creativity and Innovation in Design and the Arts | THP 401: Theatre Practicum |
| DCE 126: Country-Western | MTC 125: Basic Music Theory | THP 435: Technical Direction |
| DCE 133: Hip Hop I | MUS 100: Fundamentals of Music Notation | THP 442: Rendering for Design and Production |
| DCE 134: Postmodern Contemporary I | MUS 145: Nonmajors Class Piano: Beginner | THP 448: AutoCAD for Live Entertainment |
| DCE 135: Contemporary Ballet I | THP 213: Introduction to Technical Theatre | |
| DCE 136: Somatic Practices I | THP 214: Introduction to Costuming | |
| DCE 139: Afro-Latin Movement Practices I | | |

DCE 210: Argentine Tango II

DCE 211: Belly Dance II

DCE 220: Contemporary/Modern II

DCE 221: Ballet II

DCE 222: Jazz II

DCE 223: Nonmajors Hip Hop II

DCE 224: Latin/Swing/Ballroom II

DCE 225: Afro-Latin/Salsa II

DCE 233: Hip Hop II

DCE 234: Postmodern Contemporary II

DCE 236: Somatic Practices II

DCE 239: Afro-Latin Movement Practices II

MUP 170: Music Theatre I

MUP 172: Music Theatre II

MUP 270: Music Theatre III

MUP 272: Music Theatre IV

MUS 146: Singing for Nonmajors I

THF 101: Acting Introduction

THP 102: Acting I: Fundamentals

THP 202: Acting ll: Meisner Technique

THP 272: Introduction to Stage Movement

THP 277: Acting: Introduction to Voice

THF 215: Design and Composition for Theatre and Film (HU)

THP 218: Directing I: Introduction to Directing

THP 260: Introduction to Playwriting

THP 449: AutoCAD 3D for Live Entertainment

THP 451: Student Production Board II

Community Engagement and Education Courses

ART 442: Art and Community

DCE 350: Dance in the Classroom: Learning Through Movement (HU)

DCE 354: Creative Approaches to Teaching Dance I

DCE 356: Creative Approaches to Teaching Dance II

FMP 417: Business and Legal Practices in Entertainment

HDA 310: Socially Engaged Practice

HDA 311: Work and Careers in the Cultural and Creative Industries

HDA 420: Design and the Arts Business Administration

Upper Division Creative Practices

ART 443: Intermedia Performance

DCE 360: Third-Year Creative Practices I

DCE 361: Third-Year Creative Practices II

DCE 460: Transition Project I

DCE 461: Transition Project II

FMP 300: Focus on Film

IAP 331: Performance, Acting, and the Individual

IAP 333: Directing for Performance

IAP 334: Conceptual Development in the Arts

THP 318: Directing II: Intermediate Directing

THP 330: Costume Design

THP 332: Makeup

Upper Division Physical Practice Courses

DCE 324: Latin/Swing/Ballroom III

DCE 333: Hip Hop III

DCE 334: Postmodern Contemporary III

DCE 335: Contemporary Ballet III

DCE 336: Somatic Practices III

DCE 338: Hip Hop Ensemble

DCE 339: Afro-Latin Movement Practices III

IAP 331: Performance, Acting, and the Individual

MUP 370: Music Theatre V

MUP 465: Music Theatre VI

MUP 466: Broadway Dance

MUP 470: Music Theatre VII

THE 325: Play Reading for Educational Theatre

THE 480: Methods of Teaching Theatre

THP 311: Creative Drama with Youth (L)

THP 351: Arts Management

THP 411: Methods of Teaching Drama

THP 450: Theatre Organization and Management

THP 482: Theatre for Social Change (C)

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 360: Intermediate Playwriting

THP 420: Acting: Solo and Collaborative Performance

THP 428: Theatre Capstone/Senior Project

THP 440: Advanced Scene Design

THP 455: Advanced Media Design

THP 483: Acting: Viewpoints and Composition

MUP 471: Music Theatre: Workshops

MUP 472: Music Theatre VIII

THP 301: Acting Mainstage

THP 302: Acting III: Advanced Techniques

THP 307: Acting: Ten-Minute Plays

THP 372: Acting: Advanced Movement

THP 377: Acting: Voice and Speech

THP 387: Screen Acting

THP 420: Acting: Solo and Collaborative Performance

THP 482: Theatre for Social Change (C)

THP 483: Acting: Viewpoints and Composition

THP 489: Acting: Audition Techniques and Career Development

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Performance and Movement - Social and Partnership Dance, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
HIPERMVBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 124: Latin/Swing/Ballroom I OR DCE 125: Afro-Latin Salsa I | 2 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125/DCE 170 fulfills this requirement. |
| DCE 160: Creative Practice I | 3 | C | |
| DCE 170: First-Year Seminar I OR THF 125: Orientation to Film, Dance and Theatre | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| DCE 136: Somatic Practices I | 2 | C | |
| Mathematics (MA) | 3 | | |
| Elective | 2-3 | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 124: Latin/Swing/Ballroom I OR DCE 125: Afro-Latin Salsa I | 2 | C | • Alternate each semester between Latin and Ballroom.<br>• Join a student clubor organization and/or participate in an off-campus performance project. |
| THF 126: School of Film, Dance and Theatre: First-Year Experience | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling (HU) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( DCE 240 OR FMP 255 recommended) | 3 | | |
| Elective | 2-3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 224: Latin/Swing/Ballroom II OR DCE 225: Afro-Latin/Salsa II | 2 | C | |
| DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | |
| Lower Division Creative Practice Courses | 3-4 | C | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15-16 | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 224: Latin/Swing/Ballroom II OR DCE 225: Afro-Latin/Salsa II | 2 | C | • Develop your skills |
| HDA 252: Foundations Arts and Design Entrepreneurship | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3-4 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 324: Latin/Swing/Ballroom III OR DCE 339: Afro-Latin Movement Practices III | 2 | C | • Students are expected to reach the advanced level of one of the Physical Practices next term. |
| Upper Division Community Engagement and Education Courses | 3 | C | |
| Upper Division Production and Technical Courses | 1-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15-17 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 324: Latin/Swing/Ballroom III OR DCE 339: Afro-Latin Movement Practices III | 2 | C | • Prepare for your internship (optional) next semester.<br>• Internships are strongly encouraged. |
| THF 397: Professional Development Seminar | 1 | C | |
| DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (HU & C) | 3 | C | |
| Upper Division Physical Practice Courses | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship OR DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THP Upper Division Elective OR THF Upper Division Elective | 3 | C | • Start networking professionally.<br>• Internships are strongly encouraged. |
| Upper Division Creative Practice | 2-3 | C | |

| | | |
|---|---|---|
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) ( DCE 405 OR THE 440 recommended) | 3 | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Elective | 1-2 | |
| Term hours subtotal: | 15-17 | |

| **Term 8 106 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ DCE 461: Transition Project II OR THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project | 2-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14-15 | | |

Hide Course List(s)/Track Group(s)

| Physical Practice Courses |
|---|
| DCE 110: Argentine Tango I |
| DCE 111: Belly Dance I |
| DCE 112: Capoeira I |
| DCE 113: Dances of Africa I |
| DCE 114: Dances of India I |
| DCE 117: Feldenkrais I |
| DCE 120: Contemporary/Modern I |
| DCE 121: Ballet I |
| DCE 122: Jazz I |
| DCE 123: Nonmajors Hip Hop I |
| DCE 124: Latin/Swing/Ballroom I |
| DCE 125: Afro-Latin Salsa I |
| DCE 126: Country-Western |
| DCE 133: Hip Hop I |
| DCE 134: Postmodern Contemporary I |
| DCE 135: Contemporary Ballet I |
| DCE 136: Somatic Practices I |

| Upper Division Physical Practice Courses |
|---|
| DCE 324: Latin/Swing/Ballroom III |
| DCE 333: Hip Hop III |
| DCE 334: Postmodern Contemporary III |
| DCE 335: Contemporary Ballet III |
| DCE 336: Somatic Practices III |
| DCE 338: Hip Hop Ensemble |
| DCE 339: Afro-Latin Movement Practices III |
| IAP 331: Performance, Acting, and the Individual |
| MUP 370: Music Theatre V |
| MUP 465: Music Theatre VI |
| MUP 466: Broadway Dance |
| MUP 470: Music Theatre VII |
| MUP 471: Music Theatre: Workshops |
| MUP 472: Music Theatre VIII |
| THP 301: Acting Mainstage |
| THP 302: Acting III: Advanced Techniques |
| THP 307: Acting: Ten-Minute Plays |

| Community Engagement and Education Courses |
|---|
| ART 442: Art and Community |
| DCE 350: Dance in the Classroom: Learning Through Movement (HU) |
| DCE 354: Creative Approaches to Teaching Dance I |
| DCE 356: Creative Approaches to Teaching Dance II |
| FMP 417: Business and Legal Practices in Entertainment |
| HDA 310: Socially Engaged Practice |
| HDA 311: Work and Careers in the Cultural and Creative Industries |
| HDA 420: Design and the Arts Business Administration |
| THE 325: Play Reading for Educational Theatre |
| THE 480: Methods of Teaching Theatre |
| THP 311: Creative Drama with Youth (L) |
| THP 351: Arts Management |
| THP 411: Methods of Teaching Drama |

DCE 139: Afro-Latin Movement Practices I

DCE 210: Argentine Tango II

DCE 211: Belly Dance II

DCE 220: Contemporary/Modern II

DCE 221: Ballet II

DCE 222: Jazz II

DCE 223: Nonmajors Hip Hop II

DCE 224: Latin/Swing/Ballroom II

DCE 225: Afro-Latin/Salsa II

DCE 233: Hip Hop II

DCE 234: Postmodern Contemporary II

DCE 236: Somatic Practices II

DCE 239: Afro-Latin Movement Practices II

MUP 170: Music Theatre I

MUP 172: Music Theatre II

MUP 270: Music Theatre III

MUP 272: Music Theatre IV

MUS 146: Singing for Nonmajors I

THF 101: Acting Introduction

THP 102: Acting I: Fundamentals

THP 202: Acting ll: Meisner Technique

THP 272: Introduction to Stage Movement

THP 277: Acting: Introduction to Voice

THP 372: Acting: Advanced Movement

THP 377: Acting: Voice and Speech

THP 387: Screen Acting

THP 420: Acting: Solo and Collaborative Performance

THP 482: Theatre for Social Change (C)

THP 483: Acting: Viewpoints and Composition

THP 489: Acting: Audition Techniques and Career Development

THP 450: Theatre Organization and Management

THP 482: Theatre for Social Change (C)

Creative Practice Courses

ART 116: Introduction to Digital Media

ART 216: Intermedia Practices

DCE 161: Creative Practice II

DCE 240: Media for Dance (CS)

DCE 260: Second-Year Creative Practices I

DCE 261: Second-Year Creative Practices II

DCE 262: Rhythmic Theory for Dance I

FMP 201: Film: The Creative Process I (HU)

FMP 255: Media Authorship (CS)

FMP 261: Principles of Screenwriting

FMP 280: Introduction to Film and Media Production

Upper Division Creative Practices

ART 443: Intermedia Performance

DCE 360: Third-Year Creative Practices I

DCE 361: Third-Year Creative Practices II

DCE 460: Transition Project I

DCE 461: Transition Project II

FMP 300: Focus on Film

IAP 331: Performance, Acting, and the Individual

IAP 333: Directing for Performance

IAP 334: Conceptual Development in the Arts

THP 318: Directing II: Intermediate Directing

THP 330: Costume Design

Production and Technical Courses

DCE 438: Dance Theatre Performance/Production

MUP 373: Music Theatre Performance and Production

MUP 374: Music Theatre Technical Production

THP 301: Production

THP 317: Stage Management

THP 331: Costume Construction

THP 332: Makeup

THP 335: Advanced Stagecraft

THP 345: Lighting Design

THP 350: Sound Design

HDA 210: Creativity and Innovation in Design and the Arts

MTC 125: Basic Music Theory

MUS 100: Fundamentals of Music Notation

MUS 145: Nonmajors Class Piano: Beginner

THF 215: Design and Composition for Theatre and Film (HU)

THP 213: Introduction to Technical Theatre

THP 214: Introduction to Costuming

THP 218: Directing I: Introduction to Directing

THP 260: Introduction to Playwriting

THP 332: Makeup

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 360: Intermediate Playwriting

THP 420: Acting: Solo and Collaborative Performance

THP 428: Theatre Capstone/Senior Project

THP 440: Advanced Scene Design

THP 455: Advanced Media Design

THP 483: Acting: Viewpoints and Composition

THP 355: Media Design for Performance

THP 401: Theatre Practicum

THP 435: Technical Direction

THP 442: Rendering for Design and Production

THP 448: AutoCAD for Live Entertainment

THP 449: AutoCAD 3D for Live Entertainment

THP 451: Student Production Board II

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Theatre, BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FATHEBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 125: Orientation to Film, Dance and Theatre | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125: Orientation to Film, Dance and Theatre required of all freshman theatre and film majors only.<br>• Student must complete THP 102 for degree. Student may choose between THP 213 or 214.<br>• Interested in pursuing the Design & Production concentration? Please see that specific major map to ensure the correct courses are taken.<br>• Interested in the Acting Concentration? Please change your major to Theatre Acting so you are following the correct map.<br>• Join a student club or professional organization. Get involved in a production. |
| THP 102: Acting I: Fundamentals OR THP 213: Introduction to Technical Theatre or THP 214: Introduction to Costuming | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling (HU) OR THF 215: Design and Composition for Theatre and Film (HU) | 3 | C | |
| THP 201: Theatre Production Crew | 1 | C | |
| Mathematics (MA) | 3 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 126: Professional Development: Communication and Collaboration. | 2 | C | • THF 160 and THP 201 must be completed by the end of term 3.<br>• Student must complete THP 102 for degree. Student may choose between THP 213 or 214.<br>• Interested in pursuing the Design & Production concentration? Please see that specific major map to ensure the correct courses are taken. Talk to your professors about when to apply for the Portfolio Review.<br>• Interested in the Acting Concentration? Switch your major to Theatre Acting so you are following the correct major map.<br>• Find a mentor. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling (HU) OR THF 215: Design and Composition for Theatre and Film (HU) | 3 | C | |
| THP 102: Acting I: Fundamentals OR THP 213: Introduction to Technical Theatre or THP 214: Introduction to Costuming | 4-3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 17-16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | • THF 215 must be completed by the end of term 4.<br>• Establish career interests, develop soft skills and build a resume.<br>• Deepen involvement in a production, and narrow your focus. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete THF 160 course(s). | | | |
| Complete THP 201 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 47 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| THP 218: Directing I: Introduction to Directing | 3 | C | |
| FMP OR THE OR THF OR THP Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete THF 215 course. | | | |
| Complete THP 102 AND THP 213 or THP 214 course(s). | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 13 | | |

| **Term 5 60 - 76 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| THP 301: Theatre Production | 1 | C | • Begin discussion of your career options with your faculty mentor.<br>• Continue to build your resume |
| THE 320: History of the Theatre I (HU & H) | 3 | C | |
| FMP OR THE OR THF OR THP Elective | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Complete THP 218 course(s). | | | |
| Term hours subtotal: | 16 | | |

| **Term 6 76 - 92 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| THE 321: History of the Theatre II (HU & H) | 3 | C | • For the Upper Division THE Dramatic Literature Course, choose one from THE 421, 422, 423, 426, 440. If all Literacy requirements for General Education are complete then choose any course from the Dramatic Literature track group.<br>• Enroll with your faculty mentor in THF 397 to begin the development of your senior project. |
| THF 397: Professional Development Seminar | 1 | C | |
| Upper Division THE Dramatic Literature course | 3 | C | |
| FMP OR THE OR THF OR THP Upper Division Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L) | 3 | | • Start networking.<br>• Complete an internship.<br>• Complete a major project in specific area. |
| *Complete 3 courses:* FMP OR THE OR THF OR THP Upper Division Elective | 9 | C | |
| Upper Division Elective OR THP 484: Internship | 3 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project | 1-6 | C | • Transfer students complete 1 additional hour of elective credit in term 8 to reach 120 hours because THF 125: Orientation to Film, Dance and Theatre (term 1) is not required for transfer students.<br>• Students should choose THP 428 for 3 credits unless their faculty mentor feels there is a reason to do THF 497. |
| *Complete 2 courses:* FMP OR THE OR THF OR THP Upper Division Elective | 6 | C | |
| FMP OR THE OR THF OR THP Elective | 3 | C | |
| Elective | 3 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 13-18 | | |

Hide Course List(s)/Track Group(s)

THE Dramatic Literature Course: Select 1 course; 3 credits

- THE 421: Shakespeare: Stage and Film (L or HU)
- THE 422: Latinx Theatre and Film (HU & C)
- THE 423: African American Theatre (C)
- THE 426: Pre-Columbian Theatre of the Americas
- THE 440: Experimental Theatre and Performance (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.50 minimum
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Theatre (Acting), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FATHEABA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 125: Orientation to Film, Dance and Theatre | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125: Orientation to Film, Dance and Theatre fulfills this requirement.<br>• Build your professional connections -- join the ASU Mentor Network. |
| THP 102: Acting I: Fundamentals | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling (HU) OR THF 215: Design and Composition for Theatre and Film (HU) | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 126: Professional Development: Communication and Collaboration. | 2 | C | |
| THP 272: Introduction to Stage Movement OR THP 277: Acting: Introduction to Voice | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling (HU) OR THF 215: Design and Composition for Theatre and Film (HU) | 3 | C | |
| THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | |

| | | |
|---|---|---|
| THP 272: Introduction to Stage Movement OR THP 277: Acting: Introduction to Voice | 3 | C |
| THP 201: Theatre Production Crew | 1 | C |
| Computer/Statistics/Quantitative Applications (CS) ( FMP 255 recommended) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 14 | |

- THP 201, and THP 213 or 214 must be completed by end of term 4.
- Get involved in projects in the School of Music, Dance and Theatre, and prepare for the audition into the Acting Concentration.

| **Term 4 45 - 61 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| THP 202: Acting ll: Meisner Technique | 3 | C | Students who do not pass the milestone for Theatre Acting (BA) by the audition and application process for the Acting Concentration for Stage and Screen will be switched to the Theatre BA major. |
| THP 218: Directing I: Introduction to Directing | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Milestone: Apply for Acting Concentration during Term 4. | | | |
| Complete THP 201 AND THP 213 OR THP 214 course(s). | | | |
| Complete THF 160 AND THF 215 course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 61 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| THF 370: Seminar: Acting Concentration for Stage and Screen | 1 | C | • Begin discussion of career options with your faculty mentor.<br>• Continue to build your resume. |
| THP 301: Theatre Production | 1 | C | |
| THE 320: History of the Theatre I (HU & H) | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete THP 218 course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| **Term 6 75 - 92 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| THE 321: History of the Theatre II (HU & H) | 3 | C | • For Upper Division THE Dramatic Literature Course, choose one from THE 421, 422, 423, 426, 440. If all Literacy requirements for General Education are complete, then choose any course from the Dramatic Literature track group. |
| THF 370: Seminar: Acting Concentration for Stage and Screen | 1 | C | |
| THF 397: Professional Development Seminar | 1 | C | |
| Upper Division THE Dramatic Literature Course | 3 | C | |
| *Complete 2 courses:* | | | |

| | | | |
|---|---|---|---|
| | Upper Division THP Acting Elective | 6 | C |
| | Elective | 3 | |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Maintain 3.00 GPA in Theatre and Film courses. | | |
| | Minimum 2.50 GPA ASU Cumulative. | | |
| | Term hours subtotal: | 17 | |

- Enroll with your faculty mentor in THF 397 to begin the development of your senior project.

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L) | 3 | | • Plan and implement your capstone. Continue building a body of work and materials that are industry standard and that will launch you into your career and/or next project. |
| ★ THF 370: Seminar: Acting Concentration for Stage and Screen | 1 | C | |
| ★ THP 489: Acting: Audition Techniques and Career Development | 3 | C | |
| Upper Division Elective OR THP 484: Internship | 3 | | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project | 1-6 | C | • Transfer students complete 1 additional hour of elective credit in term 8 to reach 120 hours because THF 125: Orientation to Film, Dance and Theatre (term 1) is not required for transfer students. |
| Upper Division THP Acting Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 2-3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12-18 | | |

Hide Course List(s)/Track Group(s)

| Dramatic Literature Course: Select 1 course; 3 credits. | THP Acting Elective Courses: Select 3 courses; 9 credits. |
|---|---|
| THE 421: Shakespeare: Stage and Film (L or HU) | THP 301: Acting Mainstage |
| THE 422: Latinx Theatre and Film (HU & C) | THP 302: Acting III: Advanced Techniques |
| THE 423: African American Theatre (C) | THP 307: Acting: Ten-Minute Plays |
| THE 426: Pre-Columbian Theatre of the Americas | THP 372: Acting: Advanced Movement |
| THE 440: Experimental Theatre and Performance (L) | THP 377: Acting: Voice and Speech |
| | THP 387: Screen Acting |
| | THP 394: Acting Shakespeare |
| | THP 420: Acting: Solo and Collaborative Performance |

| |
|---|
| THP 483: Acting: Viewpoints and Composition |
| THP 494: Advanced Screen Acting |
| THP 494: Advanced Viewpoints |
| THP 494: Devising 3: Projects |
| THP 494: Devising Collaboration |
| THP 494: Devising Dont Go: Bldg a participatory theatre |
| THP 494: Devising Theatre |
| THP 494: Rasaboxes |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Theatre (Design and Production), BA

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FADSNPRBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 125: Orientation to Film, Dance and Theatre | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125: Orientation to Film, Dance and Theatre required of all first-year Theatre and Film majors only.<br>• Develop and build upon a resume. Start collecting portfolio items and/or images. |
| THF 160: Introduction to Storytelling (HU) OR THF 215: Design and Composition for Theatre and Film (HU) | 3 | C | |
| THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THP 102: Acting I: Fundamentals OR THP 201: Theatre Production Crew | 1-3 | C | |
| Mathematics (MA) | 3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15-17 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 126: Professional Development: Communication and Collaboration. | 2 | C | • Prospective Design & Production concentration students must successfully pass an interview and portfolio review at the end of term 2.<br>• THP 201 must be completed by the end of term 3. |
| THF 160: Introduction to Storytelling (HU) OR THF 215: Design and Composition for Theatre and Film (HU) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THP 102: Acting I: Fundamentals OR THP 201: Theatre Production Crew | 3-1 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( FMP 255 recommended) | 3 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Milestone: Successful completion of an interview and portfolio review. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15-13

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | • THP 102 must be completed by the end of term 4.<br>• Continue to develop a portfolio. Start building a web site.<br>• Production Assignment required. |
| THP 301: Theatre Production | 1 | C | |
| Upper Division Design & Production Core Course | 3 | C | |
| Design & Production Concentration Elective | 1-3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete THP 201 course(s). | | | |
| Complete First-Year Composition requirement. | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15-17 | | |

| Term 4 45 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming | 4 | C | • Terms 4 - 8 are for students who have passed the additional interview and portfolio review for the Design & Production concentration.<br>• Production Assignment required. |
| THP 218: Directing I: Introduction to Directing | 3 | C | |
| THP 301: Theatre Production OR THP 401: Theatre Practicum OR THP 498: Pro-Seminar | 1 | C | |
| Design & Production Concentration Elective | 1-3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete THP 102 course. | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16-18 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| THP 301: Theatre Production OR THP 401: Theatre Practicum OR THP 498: Pro-Seminar | 1-3 | C | • Start looking for professional internships or jobs.<br>• Attend conferences and build your professional connections -- join the ASU Mentor Network.<br>• Begin discussions of career options with your faculty mentor.<br>• Production Assignment required. |
| THE 320: History of the Theatre I (HU & H) | 3 | C | |
| Upper Division Design & Production Concentration Elective | 1-3 | C | |
| Upper Division Design & Production Core Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete THP 218 course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14-18 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | THE 321: History of the Theatre II (HU & H) | 3 | C |
| ★ | THP 301: Theatre Production OR THP 401: Theatre Practicum OR THP 498: Pro-Seminar | 1-3 | C |
| | THF 397: Professional Development Seminar | 1 | C |
| | Upper Division Design & Production Concentration Elective | 1 | C |
| | Upper Division Design & Production Core Course | 3 | C |
| | Upper Division Dramatic Literature Course | 3 | C |
| | Elective | 3 | |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Maintain 3.00 GPA in Theatre and Film courses. | | |
| | Minimum 2.50 GPA ASU Cumulative. | | |
| | Term hours subtotal: | 15-17 | |

- For the Upper Division Dramatic Literature Course, choose one course from the list below.
- Production Assignment required.
- Enroll with your mentor in THF 397 to begin the development of your senior project.

| Term 7 90 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L) | 3 | | • Attend conferences and build your professional connections -- join the ASU Mentor Network.<br>• Apply for professional jobs or graduate school.<br>• Production Assignment required. |
| ★ THP 301: Theatre Production OR THP 401: Theatre Practicum OR THP 498: Pro-Seminar | 1-3 | C | |
| *Complete 2 courses:* Upper Division Design & Production Concentration Elective | 6 | C | |
| Upper Division Design & Production Core Course | 3 | C | |
| Elective OR THP 484: Internship | 3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16-18 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project | 1-3 | C | • Transfer students complete one additional hour of elective credit in term 8 to reach 120 hours because THF 125: Orientation to Film, Dance and Theatre (term 1) is not required for transfer students. |
| Upper Division Design & Production Concentration Elective | 1-3 | C | |
| *Complete 2 courses:* Upper Division Elective | 5 | | |
| *Complete 2 courses:* Elective | 7 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14-18 | | |

Hide Course List(s)/Track Group(s)

| Dramatic Literature Course (1 course; 3 credits) | Design & Production Concentration Electives (minimum 11 credits) | Upper Division Design & Production Core (Choose 1 course from 4 different categories; 12 credits total) |
|---|---|---|
| THE 421: Shakespeare: Stage and Film (L or HU) | FMP 494: Art Direction | **Arts Management:** |
| THE 422: Latinx Theatre and Film (HU & C) | THE 430: History of Fashion I (HU) | THP 351: Arts Management |
| | THP 317: Stage Management | |

THE 423: African American Theatre (C)

THE 426: Pre-Columbian Theatre of the Americas

THE 440: Experimental Theatre and Performance (L)

THP 330: Costume Design

THP 331: Costume Construction

THP 332: Makeup

THP 335: Advanced Stagecraft

THP 340: Scene Design

THP 344: Drafting

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 394: Pattern Drafting for Theatre

THP 401: Advanced Technical Theatre

THP 401: Costume Construction

THP 401: Lighting, Sound, and Media

THP 401: Stage Management

THP 431: Advanced Costume Construction

THP 435: Technical Direction

THP 440: Advanced Scene Design

THP 441: Scene Painting

THP 442: Rendering for Design and Production

THP 445: Advanced Lighting Design

THP 448: AutoCAD for Live Entertainment

THP 449: AutoCAD 3D for Live Entertainment

THP 450: Theatre Organization and Management

THP 455: Advanced Media Design

THP 457: Digital Portfolio

THP 494: Advanced Lighting Technology

THP 494: CAD Drafting

THP 494: Costume Crafts

THP 494: Costume Design II

THP 494: Lighting III: Practical Skills

THP 494: Materials for the Stage

THP 494: Menswear Patterning & Construction Techniques

THP 494: Properties for the Stage

**Costume Design:**

THP 330: Costume Design

**Costume Technology:**

THP 331: Costume Construction

THP 431: Advanced Costume Construction

THP 494: Menswear Patterning & Construction Techniques

**Drawing:**

THP 344: Drafting

THP 442: Rendering for Design and Production

**Electrics Technology:**

THP 494: Sound System Design & Engineering

**Lighting Design:**

THP 345: Lighting Design

**Management:**

THP 317: Stage Management

**Media Design:**

THP 355: Media Design for Performance

**Scenic Design:**

THP 340: Scene Design

**Scenic Technology:**

THP 435: Technical Direction

THP 441: Scene Painting

THP 494: Materials for the Stage

THP 494: Properties for the Stage

THP 494: Rigging for the Stage

**Sound Design:**

THP 350: Sound Design

| |
|---|
| THP 494: Rigging for the Stage |
| THP 494: Structural and Mechanical Design for the Stage |
| THP 494: Vectorworks |
| THP 498: Costume Design |
| THP 498: Design Practicum |
| THP 498: Lighting Design |
| THP 498: Media Design Practicum |
| THP 498: Props Master |
| THP 498: Scenic Design |
| THP 498: Sound Design |
| THP 498: Stage Management |
| THP 498: Technical Direction |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Theory and Composition (Composition), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSTCBM

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience required of all first-year students.<br>• Completion of Piano Diagnostic Exam determines placement into Class Piano courses.<br>• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in fall semester only: MTC 125, MUP 101, MUP 131.<br>• Complete resume in MUP 101. |
| Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses. | | | |
| MTC 123: Beginning Composition | 1 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction | 2 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 123: Beginning Composition | 1 | C | • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in spring semester only: MTC 221, MUP 132.<br>• Familiarize yourself with information about musicians' health. |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction | 2 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 14 |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 123: Beginning Composition | 1 | C | • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in fall semester only: MTC 222, MUP 231.<br>• Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.<br>• Develop a network of student performers who can read and perform your works. |
| MTC 222: Music Theory: 19th Century | 3 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| MUP 231: Class Piano | 1 | C | |
| MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction | 2 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete MUP 131. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 44 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 123: Beginning Composition | 1 | C | • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in spring semester only: MTC 223, MTC 321 (even numbered spring semesters only), MUP 232. |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| MTC 321: Tonal Counterpoint | 2 | C | |
| MUP 232: Class Piano | 1 | C | |
| MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction | 2 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete MUP 132. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 323: Composition | 3 | C | • Complete one semester of conducting by end of term 6; students may choose either MUP 209 or MUP 210.<br>• Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MTC 327 (even numbered fall semesters only), MUP 210. |
| Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| MTC 320: Modal Counterpoint | 2 | C | |
| MTC 327: Intermediate Form and Analysis | 3 | C | |
| MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting | 1 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective | 2 | C | |
| Complete MUP 231. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 323: Composition | 3 | C | • Course offered in spring semester only: MTC 433.<br>• Gather a list of professional references. |
| MTC 433: Orchestration | 3 | C | |
| Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Complete MUP 209 OR MUP 210. | | | |
| Complete MUP 232. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 323: Composition | 3 | C | • Courses offered in fall semester only: MTC 425, MTC 436. |
| MTC 425: Studies in 20th- and 21st-Century Theory | 3 | C | |
| MTC 436: Electronic Studio Techniques I | 2 | C | |
| MHL course (L) Upper Division | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 323: Composition | 3 | C | • Prepare, publicize, and present a public performance. |
| MTC 495: Final Project | 0 | Y | |
| MTC Upper Division Elective | 3 | C | |
| *Complete 3 courses:*<br>MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective | 8-9 | C | |
| Term hours subtotal: | 14-15 | | |

Hide Course List(s)/Track Group(s)

| 4** MUP Ensembles Course List | Upper Division MHL (HU) Through Present Time Course List | Upper Division MHL (HU) Course List |
|---|---|---|
| MUP 442: Instrumental Ensembles | MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MUP 443: Choral Ensembles | MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MUP 444: Concert Winds | MHL 365: Popular Music and Race ((L or HU) & C) | MHL 344: Music in World Cultures (HU & G) |
| MUP 450: Choral Union | MHL 394: Music in the Middle East | MHL 365: Popular Music and Race ((L or HU) & C) |
| MUP 455: Arizona Statesmen | MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in the Middle East |
| MUP 457: Sol Singers | | MHL 394: Music in Renaissance Cities |
| MUP 458: ASU Gospel Choir | | |

MUP 476: New Music Ensemble

MUP 485: Percussion Ensemble

MUP 479: Baroque Ensemble

MUP 479: Bass

MUP 479: Brass Chamber Ensembles

MUP 479: Flute Choir

MUP 479: Guitar Ensemble

MUP 479: Piano Ensemble

MUP 479: Piano/String/Woodwind/Brass

MUP 479: Saxophone Choir

MUP 479: Small Saxophone Ensembles

MUP 479: Strings

MUP 479: Trombone Ensemble

MUP 479: Tuba Ensemble

MUP 479: Woodwinds

MUP 486: Concert Jazz Band

MUP 486: Jazz Repertory Band

MUP 486: Latin Jazz Ensemble

MUP 489: Ethnomusicology Ensembles

MHL 494: Concerts in the 20th Century

MHL 494: Music and Film

MHL 494: Music and Healing

MHL 494: Music of the Silk Road

MHL 494: Recycled Music: Medieval to Modern

MHL 439: Topics in 19th-Century Music ((L or HU) & H)

MHL 440: Topics in 20th-Century Music (L or HU)

MHL 494: Concerts in the 20th Century

MHL 494: Music and Film

MHL 494: Music and Healing

MHL 494: Music of the Silk Road

MHL 494: Recycled Music: Medieval to Modern

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Theory and Composition (Theory), BMUS

School/College: Herberger Institute for Design and the Arts
Location: Tempe campus
FAMUSTTBM

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Milestone: Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience required of all first-year students.<br>• Completion of Piano Diagnostic Exam determines placement into Class Piano courses.<br>• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in fall semester only: MTC 125, MUP 101, MUP 131.<br>• Complete resume in MUP 101. |
| Milestone: Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music, Dance and Theatre courses. | | | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 101: The ASU School of Music Experience | 1 | C | |
| MUP 111: Studio Instruction | 2 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MTC 221: Music Theory: 18th Century | 3 | C | • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.<br>• Courses offered in spring semester only: MTC 221, MUP 132.<br>• Career Milestone: Familiarize yourself with information about musicians' health. |
| MUP 111: Studio Instruction | 2 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 111: Studio Instruction | 2 | C |
| 4** MUP Music Ensemble | 1 | C |
| MUP 231: Class Piano | 1 | C |
| Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete MUP 131. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 17 | |

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.
- Select a faculty mentor to guide your degree work.

| **Term 4 47 - 63 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 111: Studio Instruction | 2 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| MTC 321: Tonal Counterpoint | 2 | C | |
| MUP 232: Class Piano | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete MUP 132. | | | |
| Term hours subtotal: | 16 | | |

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- Courses offered in spring semester only: MTC 223, MTC 321 (even numbered spring semesters only), MUP 232.

| **Term 5 63 - 78 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| MTC 320: Modal Counterpoint | 2 | C | |
| MTC 327: Intermediate Form and Analysis | 3 | C | |
| MTC 425: Studies in 20th- and 21st-Century Theory | 3 | C | |
| MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting | 1 | C | |
| Upper Division 4** MUP Music Ensemble | 1 | C | |
| MTC Upper Division Elective | 2-3 | C | |
| Complete MUP 231. | | | |
| Term hours subtotal: | 15-16 | | |

- Complete one semester of conducting by end of term 6; students may choose either MUP 209 or MUP 210.
- Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MTC 327 (even numbered fall semesters only), MTC 425, MUP 210.

| **Term 6 78 - 92 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| MTC 428: Advanced Form and Analysis | 3 | C | |
| Upper Division 4** MUP Music Ensemble | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 1 | C | |

- Courses offered in spring semester only: MTC 428 (odd numbered spring semesters only).
- Gather a list of professional references.
- MTC 496 may be taken in Term 6 or Term 7 instead of Term 8. Consult theory faculty to discuss advantages/disadvantages.

| | | |
|---|---|---|
| MTC Upper Division Elective | 3 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| ★ Complete MUP 209 OR MUP 210. | | |
| ★ Complete MUP 232. | | |
| Term hours subtotal: | 14 | |

| Term 7 92 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MTC 422: Musical Acoustics | 3 | C | • MHL 438 or MHL 440 (fall only) or MHL 439 (spring only) recommended to complete the Upper Division MHL elective and Upper Division Literacy and Critical Inquiry general studies requirement.<br>• MTC 422 offered in even fall semesters only. |
| Upper Division 4** MUP Music Ensemble | 1 | C | |
| MHL course (L) Upper Division | 3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective | 2-3 | C | |
| *Complete 2 courses:*<br>MTC Upper Division Elective | 5-6 | C | |
| Term hours subtotal: | 14-16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MTC 496: Theory Project | 3 | C | • Complete a capstone project. |
| Upper Division 4** MUP Music Ensemble | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective | 4-5 | C | |
| MTC Upper Division Elective | 3 | C | |
| Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | |
| Term hours subtotal: | 14-15 | | |

Hide Course List(s)/Track Group(s)

| 4** MUP Ensembles Course List |
|---|
| MUP 442: Instrumental Ensembles |
| MUP 443: Choral Ensembles |
| MUP 444: Concert Winds |
| MUP 450: Choral Union |
| MUP 455: Arizona Statesmen |
| MUP 457: Sol Singers |
| MUP 458: ASU Gospel Choir |
| MUP 476: New Music Ensemble |
| MUP 485: Percussion Ensemble |
| MUP 489: Ethnomusicology Ensembles |
| MUP 479: Baroque Ensemble |

| Upper Division MHL (HU) Through Present Time Course List |
|---|
| MHL 342: Music History II (HU) |
| MHL 344: Music in World Cultures (HU & G) |
| MHL 365: Popular Music and Race ((L or HU) & C) |
| MHL 394: Music in the Middle East |
| MHL 440: Topics in 20th-Century Music (L or HU) |
| MHL 494: Concerts in the 20th Century |
| MHL 494: Music and Film |
| MHL 494: Music and Healing |
| MHL 494: Music of the Silk Road |

| Upper Division MHL (HU) Course List |
|---|
| MHL 341: Music History I (HU) |
| MHL 342: Music History II (HU) |
| MHL 344: Music in World Cultures (HU & G) |
| MHL 365: Popular Music and Race ((L or HU) & C) |
| MHL 394: Music in the Middle East |
| MHL 394: Music in Renaissance Cities |
| MHL 439: Topics in 19th-Century Music ((L or HU) & H) |
| MHL 440: Topics in 20th-Century Music (L or HU) |
| MHL 494: Concerts in the 20th Century |

- MUP 479: Bass
- MUP 479: Brass Chamber Ensembles
- MUP 479: Clarinet Choir
- MUP 479: Flute Choir
- MUP 479: Guitar Ensemble
- MUP 479: Piano Ensemble
- MUP 479: Piano/String/Woodwind/Brass
- MUP 479: Saxophone Choir
- MUP 479: Small Saxophone Ensembles
- MUP 479: Strings
- MUP 479: Trombone Ensemble
- MUP 479: Tuba Ensemble
- MUP 479: Woodwinds
- MUP 486: Concert Jazz Band
- MUP 486: Jazz Repertory Band
- MUP 486: Latin Jazz Ensemble

- MHL 494: Recycled Music: Medieval to Modern

- MHL 494: Music and Film
- MHL 494: Music and Healing
- MHL 494: Music of the Silk Road
- MHL 494: Recycled Music: Medieval to Modern

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Aeronautical Management Technology (Air Traffic Management), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
ESAMTATBS

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 182: Private Pilot Ground School | 3 | C | • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | |
| AMT 220: Aviation Meteorology | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 201: Air Traffic Control | 3 | C | • Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit.<br>• Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ATC 230: Fundamentals of Air Traffic Management | 3 | C | • Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit.<br>• Prep for success using the Sophomore Guide . |
| AMT 222: Instrument Pilot Ground School | 3 | C | |
| AMT 280: Aerospace Structures, Materials and Systems | 4 | C | |
| PHY 112: General Physics (SQ) | 3 | | |
| PHY 114: General Physics Laboratory (SQ) | 1 | | |
| Complete MAT 170 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 14

| Term 4 43 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| AMT 214: Commercial Pilot Ground School | 3 | C | |
| AMT 287: Aircraft Powerplants | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete AMT 222 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 5 59 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 308: Air Transportation (G) | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| AMT 360: Aircraft Dispatch Ground School | 3 | C | |
| AMT 350: Aircraft Design and Logistics Management | 4 | C | |
| ATC 331: Tower Operations | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 75 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 460: Aircraft Dispatch Capstone | 3 | C | • Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| AMT 396: Aviation Professional | 1 | C | |
| AMT 408: National Aviation Policy | 3 | C | |
| AMT 442: Aviation Law and Regulations | 3 | C | |
| ATC 332: TRACON Operations | 3 | C | |
| ATC 431: Tower Operations and Procedures | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ATC 333: En Route Operations | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| AMT 410: Aviation Safety and Human Factors | 3 | C | |
| ATC 432: TRACON Operations and Procedures | 3 | C | |
| ATC 484: Internship | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ATC 491: Air Traffic Management Capstone | 3 | C | |
| AMT 444: Airport Management and Planning | 3 | C | |
| ATC 433: En Route Operations and Procedures | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| Elective | 2 | |
| Term hours subtotal: | 14 | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Aeronautical Management Technology (Air Transportation Management), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSAMTMBS

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 182: Private Pilot Ground School | 3 | C | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | |
| AMT 220: Aviation Meteorology | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit.<br>• Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| AMT 201: Air Traffic Control | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TMC 110: Understanding the Enterprise | 3 | C | • Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit.<br>• Prep for success using the Sophomore Guide . |
| AMT 280: Aerospace Structures, Materials and Systems | 4 | C | |
| PHY 112: General Physics (SQ) | 3 | | |
| PHY 114: General Physics Laboratory (SQ) | 1 | | |
| Social-Behavioral Sciences (SB) | 3 | | |

| | | |
|---|---|---|
| Complete MAT 170 course(s). | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 43 - 58 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| AMT 287: Aircraft Powerplants | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:*<br>Elective ( HST 319 recommended) | 5 | | |
| Term hours subtotal: | 15 | | |

| Term 5 58 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 308: Air Transportation (G) | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| TMC 330: Leading the Enterprise | 3 | C | |
| AMT 350: Aircraft Design and Logistics Management | 4 | C | |
| AMT 442: Aviation Law and Regulations | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TMC 310: Promotion of the Enterprise | 3 | C | • Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| AMT 396: Aviation Professional | 1 | C | |
| TMC 410: Enterprise Operations | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 408: National Aviation Policy | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in-person or virtual practice interview. |
| AMT 410: Aviation Safety and Human Factors | 3 | C | |
| AMT 444: Airport Management and Planning | 3 | C | |
| OMT 343: Occupational Safety and Ergonomics OR OMT 440: International Business (G) OR OMT 452: Industrial Human Resource Management OR OMT 480: Organizational Effectiveness | 3 | | |
| TMC 430: Enterprise Strategy and Innovation | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 491: Aviation Management Capstone | 3 | C | |
| AMT 456: Organized Labor in Aviation | 3 | C | |

| | | |
|---|---|---|
| AMT 484: Internship | 3 | C |
| AMT 489: Airline Administration | 3 | C |
| TMC 470: Enterprise Planning and Implementation | 3 | C |
| Term hours subtotal: | 15 | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Aeronautical Management Technology (Professional Flight), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSAMTFBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 182: Private Pilot Ground School | 3 | C | • Complete Professional Flight Secondary Application.<br>• ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| AMT 220: Aviation Meteorology | 3 | C | |
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | |
| AMT 105: Flight Operations and Safety I | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Milestone: Complete secondary admission materials. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit.<br>• Professional Flight students are encouraged to continue to progress in flight courses over the summer session.<br>• Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| AMT 110: Flight Operations and Safety II | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 28 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 222: Instrument Pilot Ground School | 3 | C | • Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit.<br>• Prep for success using the Sophomore Guide . |
| AMT 150: Flight Operations and Safety III | 1 | C | |
| AMT 201: Air Traffic Control | 3 | C | |
| AMT 280: Aerospace Structures, Materials and Systems | 4 | C | |
| PHY 112: General Physics (SQ) | 3 | | |

| | | |
|---|---|---|
| PHY 114: General Physics Laboratory (SQ) | 1 | |
| Complete MAT 170 course(s). | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 43 - 55 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 214: Commercial Pilot Ground School | 3 | C | • Professional Flight students are encouraged to continue to progress in flight courses over the summer session.<br>• Pursue an undergraduate research experience .<br>• Apply for internships.<br>• Attend career fairs and events. |
| AMT 205: Flight Operations and Safety IV | 1 | C | |
| AMT 286: Multiengine Pilot Ground School | 1 | C | |
| AMT 287: Aircraft Powerplants | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 5 55 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 308: Air Transportation (G) | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| AMT 210: Flight Operations and Safety V | 1 | C | |
| AMT 285: Flight Instructor Ground School | 3 | C | |
| AMT 350: Aircraft Design and Logistics Management | 4 | C | |
| HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 17 | | |

| Term 6 72 - 86 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 382: Air Navigation | 3 | C | • Professional Flight students are encouraged to continue to progress in flight courses over the summer session.<br>• Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| AMT 250: Flight Operations and Safety VI | 1 | C | |
| AMT 292: Flight Instructor Instrument Ground School | 3 | C | |
| AMT 396: Aviation Professional | 1 | C | |
| AMT 442: Aviation Law and Regulations | 3 | C | |
| AMT 444: Airport Management and Planning | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 86 - 102 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 482: Airline Instrument Procedures | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| AMT 486: Regional Jet Aircraft Systems | 3 | C | |
| AMT 305: Flight Operations and Safety VII | 1 | C | |
| AMT 360: Aircraft Dispatch Ground School | 3 | C | |
| AMT 408: National Aviation Policy | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 8 102 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ AMT 490: Regional Jet Operations Capstone | 3 | C | |
| AMT 410: Aviation Safety and Human Factors | 3 | C | |
| AMT 484: Internship | 2 | C | |
| AMT 489: Airline Administration | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective ( AMT 310 recommended) | 1 | | |
| Term hours subtotal: | 18 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Aeronautical Management Technology (Unmanned Aerial Systems), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSAMTUASBS

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 182: Private Pilot Ground School | 3 | C | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294: Student Success for Veterans is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions . |
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | |
| AMT 220: Aviation Meteorology | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 170: Introduction to Unmanned Aircraft Systems | 3 | C | • Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit.<br>• Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 270: Unmanned Aircraft | 3 | C | • Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit.<br>• Prep for success using the Sophomore Guide . |
| AMT 280: Aerospace Structures, Materials and Systems | 4 | C | |
| PHY 112: General Physics (SQ) | 3 | | |
| PHY 114: General Physics Laboratory (SQ) | 1 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete MAT 170 course(s). | | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 43 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 201: Air Traffic Control | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| AMT 287: Aircraft Powerplants | 4 | C | |
| HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 59 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 308: Air Transportation (G) | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| AMT 350: Aircraft Design and Logistics Management | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:*<br>Elective ( HST 319 recommended) | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 6 75 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 370: Unmanned Aircraft Systems | 3 | C | • Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| AMT 396: Aviation Professional | 1 | C | |
| AMT 442: Aviation Law and Regulations | 3 | C | |
| AMT 444: Airport Management and Planning | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 91 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMT 470: Unmanned Aircraft Payloads, Sensors, and Control Stations | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| AMT 408: National Aviation Policy | 3 | C | |
| AMT 456: Organized Labor in Aviation | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective ( EDP 310 recommended) | 1 | | |
| Term hours subtotal: | 13 | | |

| Term 8 104 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| AMT 495: Unmanned Aircraft Systems Operations | 3 | C |
| AMT 410: Aviation Safety and Human Factors | 3 | C |
| AMT 484: Internship | 3 | C |
| AMT 489: Airline Administration | 3 | C |

| | | |
|---|---|---|
| Elective | 4 | |
| Term hours subtotal: | 16 | |

Hide Course List(s)/Track Group(s)

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Aerospace Engineering (Aeronautics), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESAEROBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• FSE 100 required for first-year students and should be completed first semester. Non-first-year students: see advisor for petitioning replacement electives.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ASU 101-AEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 242: Elementary Linear Algebra | 2 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | |

| | | | |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| MAE 214: Computer-Aided Engineering I | 1 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| Complete CHM 114 OR CHM 116 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| **Term 4 46 - 62 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAE 213: Mechanics of Materials | 3 | C | |
| MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| **Term 5 62 - 76 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AEE 360: Aerodynamics (L) | 3 | C | • Both AEE 360, AEE 361 and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| AEE 361: Aerodynamics Laboratory | 1 | C | |
| MAE 241: Introduction to Thermodynamics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MAE 318: System Dynamics and Control I | 4 | C | |
| Term hours subtotal: | 14 | | |

| **Term 6 76 - 93 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AEE 344: Fundamentals of Aircraft Design | 3 | C | • Both AEE 360, AEE 361 and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit.<br>• Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| AEE 313: Aircraft Dynamics and Control | 3 | C | |
| AEE 325: Aerospace Structures and Materials | 4 | C | |
| AEE 362: High-Speed Aerodynamics (L) | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 17 | | |

| **Term 7 93 - 108 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AEE 463: Aircraft Propulsion | 3 | C | • For additional information about Upper Division Technical Elective course options, please visit: Upper Division Technical Electives<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions. |
| AEE 415: Vibration Analysis | 3 | C | |
| MAE 400: Engineering Profession (L) | 3 | C | |
| Upper Division Technical Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

- Complete an in person or virtual practice interview.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AEE 468: Aircraft Systems Design | 3 | C | • For additional information about Upper Division Technical Electives, please visit: Upper Division Technical Electives |
| AEE 462: Space Vehicle Dynamics and Control | 3 | C | |
| Upper Division Technical Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12 | | |

- For additional information about Upper Division Technical Elective options, please visit:ÂUpper Division Technical Electives.

Hide Course List(s)/Track Group(s)

| Upper Division Technical Electives |
|---|
| AEE 426: Design of Aerospace Structures |
| AEE 465: Rocket Propulsion |
| AEE 466: Rotary Wing Aerodynamics and Performance |
| AEE 471: Computational Fluid Dynamics |
| EEE 407: Digital Signal Processing |
| EEE 480: Feedback Systems |
| EEE 481: Computer-Controlled Systems |
| EEE 498: Foundations Machine Learning: From Theory to Pract |
| MAE 341: Mechanism Analysis and Design |
| MAE 404: Finite Elements in Engineering |
| MAE 417: System Dynamics and Control II |
| MAE 436: Combustion |
| MAE 455: Polymers and Composites |
| MAE 460: Applied Computational Fluid Dynamics |
| MAE 494: Design Optimization |
| MAE 494: Theories and Techniques of Direct CAD Modeling |
| MEE 323: Computer-Aided Engineering II |
| MEE 340: Heat Transfer |
| MEE 351: Manufacturing Processes |

MEE 434: Internal Combustion Engines

MEE 440: Renewable Energy: Mechanical Systems

MEE 441: Wind Energy

MEE 472: Intermediate Fluid Mechanics

MEE 482: Intermediate Thermodynamics

SES 494: Modeling and Analysis of Space Thermal Systems

Students may choose no more than one course from the following:

AST 322: Introduction to Galactic and Extragalactic Astrophysics

AST 322: Introduction to Galactic and Extragalactic Astrophysics

BME 350: Signals and Systems for Bioengineers

CEE 440: Hydrology

CHE 468: Polymer Principles and Processing

CHE 478: Biomass Energy Conversion Technology

CHE 494: Six Sigma Methodology/Engineering Experimentation

CHM 325: Analytical Chemistry

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 334: Circuits II

EEE 350: Random Signal Analysis

EGR 317: Humanitarian Engineering Project II

EGR 433: Transforms and Systems Modeling

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering in Global Context

IEE 300: Economic Analysis for Engineers

MAT 300: Mathematical Structures (L)

MAT 371: Advanced Calculus I

MAT 420: Scientific Computing

MAT 421: Applied Computational Methods (CS)

MAT 423: Numerical Analysis I (CS)

MAT 425: Numerical Analysis II (CS)

MAT 451: Mathematical Modeling (CS)

MSE 330: Thermodynamics of Materials

PHY 310: Classical Particles, Fields, and Matter I

PHY 361: Introductory Modern Physics

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 350: Engineering Systems and Experimental Problem Solving

SES 405: Exploration Systems Engineering

SES 407: Space Works II: Model, Fabricate and Test

SES 410: Senior Exploration Project I

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 498: Pro-Seminar or MAE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor.

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Aerospace Engineering (Astronautics), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESAEASBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• FSE 100 required for first-year students and should be completed the first semester.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ASU 101-AEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering OR SES 100: Introduction to Exploration (CS) | 2-3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 242: Elementary Linear Algebra | 2 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | |

| | | | |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| MAE 214: Computer-Aided Engineering I | 1 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| Complete CHM 114 OR CHM 116 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| **Term 4 46 - 62 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAE 213: Mechanics of Materials | 3 | C | |
| MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| **Term 5 62 - 79 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AEE 360: Aerodynamics (L) | 3 | C | • Both AEE 360, AEE 361 and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| AEE 361: Aerodynamics Laboratory | 1 | C | |
| EEE 203: Signals and Systems I | 3 | C | |
| MAE 241: Introduction to Thermodynamics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MAE 318: System Dynamics and Control I | 4 | C | |
| Term hours subtotal: | 17 | | |

| **Term 6 79 - 93 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AEE 462: Space Vehicle Dynamics and Control | 3 | C | • Both AEE 360, AEE 361and AEE 360 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit.<br>• Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| AEE 325: Aerospace Structures and Materials | 4 | C | |
| AEE 362: High-Speed Aerodynamics (L) | 4 | C | |
| EEE 350: Random Signal Analysis | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| **Term 7 93 - 108 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AEE 445: Fundamentals of Spacecraft Design | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in-person or virtual practice interview. |
| AEE 465: Rocket Propulsion | 3 | C | |
| EEE 455: Communication Systems OR EEE 459: Communication Networks | 3 | C | |
| MAE 400: Engineering Profession (L) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AEE 480: Space Systems Design | 3 | C | • For more information about Technical Electives, please visit: Upper Division Technical Electives. |
| Upper Division Technical Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 12 | | |

- For more information about Upper Division Technical Elective options, please visit: Upper Division Technical Electives.

Hide Course List(s)/Track Group(s)

| Upper Division Technical Elective |
|---|
| AEE 313: Aircraft Dynamics and Control |
| AEE 344: Fundamentals of Aircraft Design |
| AEE 415: Vibration Analysis |
| AEE 426: Design of Aerospace Structures |
| AEE 463: Aircraft Propulsion |
| AEE 466: Rotary Wing Aerodynamics and Performance |
| AEE 471: Computational Fluid Dynamics |
| AST 321: Introduction to Planetary and Stellar Astrophysics |
| AST 322: Introduction to Galactic and Extragalactic Astrophysics |
| CHE 468: Polymer Principles and Processing |
| CHE 478: Biomass Energy Conversion Technology |
| CHE 494: Six Sigma Methodology/Engineering Experimentation |
| CHM 325: Analytical Chemistry |
| EEE 304: Signals and Systems II |
| EEE 333: Hardware Design Languages and Programmable Logic |
| EEE 334: Circuits II |
| EEE 407: Digital Signal Processing |
| EEE 480: Feedback Systems |
| EEE 481: Computer-Controlled Systems |
| EEE 498: Foundations Machine Learning: From Theory to Pract |

- EGR 317: Humanitarian Engineering Project II
- EGR 433: Transforms and Systems Modeling
- FSE 301: Entrepreneurship and Value Creation
- FSE 394: Engineering in Global Context
- GLG 404: Fundamentals of Planetary Geology
- IEE 300: Economic Analysis for Engineers
- MAE 341: Mechanism Analysis and Design
- MAE 404: Finite Elements in Engineering
- MAE 417: System Dynamics and Control II
- MAE 436: Combustion
- MAE 455: Polymers and Composites
- MAE 460: Applied Computational Fluid Dynamics
- MAE 494: Design Optimization
- MAE 494: Theories and Techniques of Direct CAD Modeling
- MAT 300: Mathematical Structures (L)
- MAT 371: Advanced Calculus I
- MAT 420: Scientific Computing
- MAT 421: Applied Computational Methods (CS)
- MAT 423: Numerical Analysis I (CS)
- MAT 425: Numerical Analysis II (CS)
- MAT 451: Mathematical Modeling (CS)
- MEE 323: Computer-Aided Engineering II
- MEE 340: Heat Transfer
- MEE 351: Manufacturing Processes
- MEE 434: Internal Combustion Engines
- MEE 440: Renewable Energy: Mechanical Systems
- MEE 441: Wind Energy
- MEE 472: Intermediate Fluid Mechanics
- MEE 482: Intermediate Thermodynamics
- MSE 330: Thermodynamics of Materials
- PHY 310: Classical Particles, Fields, and Matter I
- PHY 361: Introductory Modern Physics

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 350: Engineering Systems and Experimental Problem Solving

SES 405: Exploration Systems Engineering

SES 407: Space Works II: Model, Fabricate and Test

SES 410: Senior Exploration Project I

SES 494: Modeling and Analysis of Space Thermal Systems

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 498: Pro-Seminar or MAE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor.

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Aerospace Engineering (Autonomous Vehicle Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESAEAVSBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• FSE 100 required for first-year students and should be completed the first semester. Non-first-year students: see advisor for petitioning replacement electives.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ASU 101-AEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 242: Elementary Linear Algebra | 2 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | • Prep for success using the Sophomore Guide.<br>• Create a technical resume. |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| MAE 214: Computer-Aided Engineering I | 1 | C | |
| Complete CHM 114 OR CHM 116 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| **Term 4 46 - 62 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAE 213: Mechanics of Materials | 3 | C | |
| MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| **Term 5 62 - 76 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AEE 360: Aerodynamics (L) | 3 | C | • Both AEE 360, AEE 361and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| AEE 361: Aerodynamics Laboratory | 1 | C | |
| MAE 241: Introduction to Thermodynamics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MAE 318: System Dynamics and Control I | 4 | C | |
| Term hours subtotal: | 14 | | |

| **Term 6 76 - 93 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AEE 313: Aircraft Dynamics and Control | 3 | C | • Both AEE 360, AEE 361and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit.<br>• Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| AEE 325: Aerospace Structures and Materials | 4 | C | |
| AEE 362: High-Speed Aerodynamics (L) | 4 | C | |
| Track Focus Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 17 | | |

| **Term 7 93 - 108 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AEE 478: Fundamentals of Autonomous Aircraft Systems | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in-person or virtual practice interview. |
| AEE 463: Aircraft Propulsion | 3 | C | |
| MAE 400: Engineering Profession (L) | 3 | C | |
| Upper Division Track Focus Course | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AEE 479: Design of Autonomous Aircraft Systems | 3 | C | |
| AEE 462: Space Vehicle Dynamics and Control | 3 | C | |
| POS 325: Public Policy Development (SB) OR POS 300: Contemporary Global Controversies (SB & G) OR POS 370: Law and Society (SB) OR PHI 306: Applied Ethics (HU) | 3 | | |
| Upper Division Track Focus Course | 3 | C | |
| Term hours subtotal: | 12 | | |

- Track Focus courses are listed below. Students must select 3 courses from the same track.

Hide Course List(s)/Track Group(s)

| Communications Track | Guidance, Navigation, and Controls Track |
|---|---|
| EEE 203: Signals and Systems I | EEE 480: Feedback Systems |
| EEE 304: Signals and Systems II | EEE 481: Computer-Controlled Systems |
| EEE 350: Random Signal Analysis | EEE 582: Linear System Theory |
| EEE 455: Communication Systems | MAE 417: System Dynamics and Control II |
| EEE 459: Communication Networks | MAE 494: Guidance and Navigation of Aerospace Vehicles |
| *Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor. | MAE 506: Advanced System Modeling, Dynamics, and Control |
| | *Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor. |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Aviation), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSAMTABAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AMT 308: Air Transportation (G) | 3 | C | • If MA requirement not already met with AAS degree, ASC 315 is recommended. If MA requirement already met with AAS degree, student should take an upper-division elective.<br>• If SQ requirement not already met with AAS degree, ASC 325 is recommended. If SQ requirement already met with AAS degree, student should take an upper-division elective.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| AMT Upper Division Elective | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective ( ASC 315 OR ASC 325 recommended) | 10 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AMT 442: Aviation Law and Regulations | 3 | C | • If following the UAS focus area, students must first meet the prerequisites of AMT 170 and AMT 270.<br>• Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| AMT 396: Aviation Professional | 1 | C | |
| Upper Division Focus Area | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 1 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AMT 408: National Aviation Policy | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| Upper Division Focus Area | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:*<br>Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AMT 489: Airline Administration | 3 | C | |
| Upper Division Focus Area | 3 | C | |
| AMT Upper Division Elective | 3 | C | |
| Upper Division Elective ( HST 319 recommended) | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Management Focus Area | Unmanned Aerial Systems Focus Area |
|---|---|
| AMT 491: Aviation Management Capstone | AMT 370: Unmanned Aircraft Systems |
| TMC 330: Leading the Enterprise | AMT 470: Unmanned Aircraft Payloads, Sensors, and Control Stations |
| TMC 470: Enterprise Planning and Implementation | AMT 495: Unmanned Aircraft Systems Operations |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Graphic Information Technology), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSGITBAS

| **Applicable Community College Prerequisites 0 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ GIT 340: Information Design and Usability | 3 | | • Select a primary focus area consisting of 12 credit hours of focused courses (minimum of six hours must be upper division). Focus areas are listed below.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| GIT 315: Digital Video Techniques | 3 | | |
| GIT 384: Commercial Photography | 3 | | |
| Focus Area | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ GIT 303: Digital Publishing | 3 | | • Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | |
| Focus Area | 3 | | |
| *Complete 2 courses:*<br>Any needed lower division General Studies requirement OR Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ GIT 450: Digital Workflow in Graphic Industries | 3 | | • Plan for success using the Senior Guide. |
| GIT 480: Senior Project | 3 | | |

| | | | |
|---|---|---|---|
| Upper Division Focus Area | 3 | | • Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| GIT 432: Graphic Industry Business Practices | 3 | | |
| Upper Division Focus Area | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) ( TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

- Students in the BAS Graphic Information Technology program select a primary focus area consisting of 12 credit hours of focused courses (minimum of six hours must be upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

| Commercial Photography and Video |
|---|
| GIT 295: Introduction to Technical Imaging |
| GIT 334: Image Editing and Manipulation |
| GIT 415: Advanced Digital Video Techniques |
| GIT 490: Advanced Commercial Photography |
| GIT 494: Special Topics |

| Digital Design, Print, and Publishing |
|---|
| GIT 250: Introduction to Commercial Print |
| GIT 333: Printing Technology |
| GIT 334: Image Editing and Manipulation |
| GIT 437: Color Reproduction Systems |
| GIT 494: Special Topics |
| TWC 411: Principles of Visual Communication (L) |

| Front-End Web Design and Development |
|---|
| GIT 215: Introduction to Web Authoring |
| GIT 337: Web Content Design |
| GIT 414: Web Site Design and Internet/Web Technologies |
| GIT 417: Advanced Web Markup and Scripting |
| GIT 418: Multimedia Authoring, Scripting and Production |
| GIT 435: Website and E-Commerce Strategies |
| GIT 494: Special Topics |

| Motion Graphics/Visual Effects |
|---|
| GIT 211: Introduction to Video Game Art |
| GIT 312: 3-D Computer Graphics Modeling and Representation (CS) |
| GIT 334: Image Editing and Manipulation |
| GIT 411: Computer Animation |
| GIT 494: Special Topics |

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Graphic Information Technology), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
TSGITBAS

| **Applicable Community College Prerequisites 0 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| **Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ GIT 340: Information Design and Usability | 3 | | • Select a primary focus area consisting of 12 credit hours of focused courses (minimum of six hours must be upper division). Focus areas are listed below.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| GIT 315: Digital Video Techniques | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 5 - B 66 - 75 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| GIT 384: Commercial Photography | 3 | | |
| Focus Area | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 6 - A 75 - 84 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ GIT 303: Digital Publishing | 3 | | • Research and prepare for graduate school .<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| Focus Area | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | |
|---|---|---|
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | |
| Any needed lower division General Studies requirement OR Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 450: Digital Workflow in Graphic Industries | 3 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| Upper Division Focus Area | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 480: Senior Project | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| Upper Division Focus Area | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) ( TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 432: Graphic Industry Business Practices | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

- Students in the BAS Graphic Information Technology program select a primary focus area consisting of 12 credit hours of focused courses (minimum of six hours must be upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

| Digital Design, Print, and Publishing | Front-End Web Design and Development | Motion Graphics/Visual Effects |
|---|---|---|
| GIT 250: Introduction to Commercial Print | GIT 215: Introduction to Web Authoring | GIT 211: Introduction to Video Game Art |
| GIT 333: Printing Technology | GIT 337: Web Content Design | GIT 312: 3-D Computer Graphics Modeling and Representation (CS) |
| GIT 334: Image Editing and Manipulation | GIT 414: Web Site Design and Internet/Web Technologies | GIT 334: Image Editing and Manipulation |
| GIT 437: Color Reproduction Systems | GIT 417: Advanced Web Markup and Scripting | GIT 411: Computer Animation |
| GIT 494: Special Topics | | GIT 494: Special Topics |

| | |
|---|---|
| TWC 411: Principles of Visual Communication (L) | GIT 418: Multimedia Authoring, Scripting and Production |
| | GIT 435: Website and E-Commerce Strategies |
| | GIT 494: Special Topics |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Internet and Web Development), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSIWDBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 215: Introduction to Web Authoring | 3 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| GIT 334: Image Editing and Manipulation | 3 | | |
| GIT 340: Information Design and Usability | 3 | | |
| Upper Division Elective | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 337: Web Content Design | 3 | | • Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| *Complete 2 courses:*<br>Any needed lower division General Studies requirement OR Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 417: Advanced Web Markup and Scripting | 3 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions. |
| ★ GIT 480: Senior Project | 3 | | |
| GIT 414: Web Site Design and Internet/Web Technologies | 3 | | |

| | | | |
|---|---|---|---|
| GIT 450: Digital Workflow in Graphic Industries | 3 | | • Complete an in person or virtual practice interview. |
| Upper Division Literacy and Critical Inquiry (L) ( TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| GIT 432: Graphic Industry Business Practices | 3 | | |
| GIT 435: Website and E-Commerce Strategies | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Internet and Web Development), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
TSIWDBAS

| **Applicable Community College Prerequisites 0 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| **Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ GIT 215: Introduction to Web Authoring | 3 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| Upper Division Elective | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 5 - B 69 - 75 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| GIT 334: Image Editing and Manipulation | 3 | | |
| GIT 340: Information Design and Usability | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ GIT 337: Web Content Design | 3 | | • Research and prepare for graduate school .<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |

| | | | |
|---|---|---|---|
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 90 - 96 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 480: Senior Project | 3 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| GIT 414: Web Site Design and Internet/Web Technologies | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 417: Advanced Web Markup and Scripting | 3 | | |
| GIT 450: Digital Workflow in Graphic Industries | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) ( TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| GIT 435: Website and E-Commerce Strategies | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 432: Graphic Industry Business Practices | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Operations Management), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus, ASU@Pinal, ASU@The Gila Valley
TSIMCOBAS

This program allows students who have earned an AAS from an accredited institution to transfer 60 credit hours toward a BAS at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college may be able to transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total).Â Students should work with their academic advisor to ensure their courses will meet degree requirements.

| **Applicable Community College Prerequisites 0 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ STS 401: Statistics in Science and Technology Studies (CS) | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| ★ TMC 110: Understanding the Enterprise | 3 | C | |
| TEM 330: Systems Innovation | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ TMC 330: Leading the Enterprise | 3 | C | • Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| *Complete 2 courses:*<br>Upper Division Focus Area Course | 6 | C | |
| Upper Division Elective | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TMC 410: Enterprise Operations | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| TMC 430: Enterprise Strategy and Innovation | 3 | C | |
| TMC 470: Enterprise Planning and Implementation | 3 | C | |
| Focus Area Course | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TMC 498: Pro-Seminar (L) | 3 | C | |
| OMT 430: Ethical Issues in Technology | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Focus Area Course | 6 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Students in this program select a focus area consisting of 15 hours of focused courses (minimum of 12 hours upper-division). Focus areas are listed below. Please note that all focus area courses must come from a single area. If you have questions about your options, please contact your academic advisor.

Hide Course List(s)/Track Group(s)

| Process Innovation |
|---|
| OMT 343: Occupational Safety and Ergonomics |
| OMT 402: Legal Issues for Technologists |
| TEM 230: Creativity and Business Innovation |
| TEM 250: Design Methodology |
| TEM 481: Consulting Project |
| TEM 494: Special Topics |
| TMC 331: Quality Assurance |

| Technology Entrepreneurship |
|---|
| FSE 301: Entrepreneurship and Value Creation |
| OMT 343: Occupational Safety and Ergonomics |
| OMT 402: Legal Issues for Technologists |
| TEM 200: My Technology Venture |
| TEM 230: Creativity and Business Innovation |
| TEM 250: Design Methodology |
| TEM 311: Opportunity Analysis |
| TEM 400: Technology Entrepreneurship |
| TEM 431: Innovation Management |
| TEM 481: Consulting Project |
| TEM 494: Special Topics |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Operations Management), BAS

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
TSIMCOBAS

This program allows students who have earned an AAS from an accredited institution to transfer 60 credit hours toward a BAS at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college may be able to transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total). Students should work with their academic advisor to ensure their courses will meet degree requirements.

| **Applicable Community College Prerequisites 0 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| **Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ TMC 110: Understanding the Enterprise | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 5 - B 69 - 75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ STS 401: Statistics in Science and Technology Studies (CS) | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| TEM 330: Systems Innovation | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ TMC 330: Leading the Enterprise | 3 | C | |
| Focus Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | |
|---|---|---|
| Upper Division Focus Area Course | 3 | C |
| Upper Division Elective | 3 | |
| Any needed lower division General Studies requirement OR Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 9 | |

- Select a focus area consisting of 15 hours of focused courses (minimum 12 hours of upper-division). Focus areas are listed below. Please note that all focus area courses must come from a single area. If you have questions about your options, please contact your academic advisor.
- Research and prepare for graduate school.
- Apply for a Fulton Schools 4+1 program.
- Develop a professional profile online.

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TMC 410: Enterprise Operations | 3 | C | |
| Upper Division Focus Area Course | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TMC 430: Enterprise Strategy and Innovation | 3 | C | |
| TMC 470: Enterprise Planning and Implementation | 3 | C | |
| Term hours subtotal: | 6 | | |

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TMC 498: Pro-Seminar (L) | 3 | C | |
| Upper Division Focus Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OMT 430: Ethical Issues in Technology | 3 | C | |
| Upper Division Focus Area Course | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

- Students in this program select a focus area consisting of 15 hours of focused courses (minimum of 12 hours upper-division). Focus areas are listed below. Please note that all focus area courses must come from a single area. If you have questions about your options, please contact your academic advisor.

Hide Course List(s)/Track Group(s)

| Process Innovation | Technology Entrepreneurship |
|---|---|
| OMT 343: Occupational Safety and Ergonomics | FSE 301: Entrepreneurship and Value Creation |
| OMT 402: Legal Issues for Technologists | OMT 343: Occupational Safety and Ergonomics |

| | |
|---|---|
| TEM 230: Creativity and Business Innovation | OMT 402: Legal Issues for Technologists |
| TEM 250: Design Methodology | TEM 200: My Technology Venture |
| TEM 481: Consulting Project | TEM 230: Creativity and Business Innovation |
| TEM 494: Special Topics | TEM 250: Design Methodology |
| TMC 331: Quality Assurance | TEM 311: Opportunity Analysis |
| | TEM 400: Technology Entrepreneurship |
| | TEM 431: Innovation Management |
| | TEM 481: Consulting Project |
| | TEM 494: Special Topics |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biomedical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESBMEBSE

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-BME: The ASU Experience | 1 | C | • ASU 101 or college specific equivalent First-Year Seminar required of all students.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| CHM 114: General Chemistry for Engineers (SQ) | 4 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| BME 100: Introduction to Biomedical Engineering | 3 | C | |
| BME 182: Biomedical Engineering Product Design and Development I | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| BME 122: Statistics for Biomedical Engineers | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete BME 100. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • Prep for success using the Sophomore Guide. |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |

| | | |
|---|---|---|
| BME 213: Biomedical and Bioengineering Ethics | 1 | C |
| BME 214: FDA Regulatory Processes and Technical Communications | 1 | C |
| BME 210: Programming for Biomedical Engineers: Introduction to Computers, Programming and Data (CS) | 3 | C |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BME 200: Conservation Principles in Biomedical Engineering | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| BME 235: Physiology for Engineers | 4 | C | |
| BME 282: Biomedical Engineering Product Design and Development II | 1 | C | |
| EEE 202: Circuits I | 4 | C | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Biomedical Devices Track OR Upper Division Biological Devices Track | 3-4 | C | • Select courses from the Biomedical Devices Track OR the Biological Devices Track (required courses listed in track groups below; must complete all courses within one track).<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| BME 318: Biomaterials | 4 | C | |
| BME 331: Transport Phenomena for Biomedical Engineering | 3 | C | |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Term hours subtotal: | 14-15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Biomedical Devices Track OR Upper Division Biological Devices Track | 3 | C | • Select course from the Biomedical Devices Track OR the Biological Devices Track (required courses listed in track groups below; must complete all courses within one track).<br>• Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| BME 300: Bioengineering Product Design | 3 | C | |
| BME 301: Numerical Methods in Biomedical Engineering | 2 | C | |
| BME 316: Biomechanics for Biomedical Engineers | 3 | C | |
| BME 340: Thermodynamics for Biomedical Engineers | 3 | C | |
| BME 382: Biomedical Engineering Product Design and Development III | 1 | C | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BME 417: Biomedical Engineering Capstone Design I (L) | 4 | C | • The general studies requirements for HU, SB, and the awareness areas do not have to be taken in exact combinations (as outlined on the major map). By the end of term 8, all must be completed; however, the combinations may vary. |
| Upper Division Biomedical Devices Track OR Upper Division Biological Devices Track | 4-3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Related Elective | 3 | C | |

| | | |
|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 14-13 | |

- Select your Upper Division Related Elective courses from the approved list. Course options can be found below or here.
- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| **Term 8 104 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ BME 490: Biomedical Engineering Capstone Design II (L) | 4 | C | • The general studies requirements for HU, SB, and the awareness areas do not have to be taken in exact combinations (as outlined on the major map). By the end of term 8, all must be completed; however, the combinations may vary.<br>• Select your Upper Division Related Elective courses from the approved list. Course options can be found below or here. |
| Upper Division Related Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

Hide Course List(s)/Track Group(s)

| Biomedical Devices Track | Biological Devices Track | Upper Division Related Electives |
|---|---|---|
| BME 350: Signals and Systems for Bioengineers | BIO 353: Cell Biology AND BME 362: Methods in Molecular and Cellular Biology | ACC 382: Accounting and Financial Analysis |
| BME 370: Microcomputer Applications in Biomedical Engineering | BME 360: Control in Biological Systems | BCH 361: Advanced Principles of Biochemistry |
| BME 413: Biomedical Instrumentation (L) AND BME 423: Biomedical Instrumentation Laboratory (L) | BME 467: Tissue Engineering and Regenerative Medicine | BCH 367: Elementary Biochemistry Laboratory |
| | | BCH 461: General Biochemistry |
| | | BCH 462: General Biochemistry |
| | | BCH 467: Analytical Biochemistry Laboratory (L) |
| | | BIO 302: Cancer--Mother of All Diseases (L) |
| | | BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) |
| | | BIO 331: Animal Behavior |
| | | BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS) |
| | | BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins |
| | | BIO 345: Evolution |
| | | BIO 360: Animal Physiology |

| Upper Division Related Electives continued |
| --- |
| EDP 310: Developing as a Leader (SB) |
| EDP 310: Emotional Intelligence (SB) |

| Upper Division Related Electives, continued |
| --- |
| MEE 322: Structural Mechanics |
| MEE 340: Heat Transfer |
| BIO 440: Functional Genomics or MBB 440: Functional Genomics |
| BIO 467: Neurobiology |
| BME 394: Honors Research |
| BME 394: SBHSE Research Projects |
| BME 492: Honors Directed Study |
| BME 493: Honors Thesis (L) |
| BMI 311: Modeling Biomedical Knowledge |
| BMI 465: Introduction to Comparative Genomics |
| BUA 380: Small Business Leadership |
| BUA 381: Small Business Accounting and Finance |
| BUA 383: Small Business Working Relationships |
| BUS 384: Business Operations and Planning |
| CEE 384: Numerical Methods for Engineers (CS) or MAE 384: Advanced Mathematical Methods for Engineers (CS) |
| CHE 475: Biochemical Engineering |
| CHM 302: Environmental Chemistry |
| CHM 325: Analytical Chemistry |
| CHM 326: Advanced Analytical Chemistry Laboratory |
| CHM 341: Elementary Physical Chemistry or BCH 341: Physical Chemistry with a Biological Focus |
| CIS 300: Web Design and Development |
| COM 312: Communication, Conflict, and Negotiation |
| CSE 310: Data Structures and Algorithms |
| CSE 340: Principles of Programming Languages |
| CSE 412: Database Management |
| DAT 301: Exploring Data in R and Python |
| ECN 306: Survey of International Economics (SB & G) |

EDP 310: Gender Development (SB)

EDP 310: Learning and Memory (SB)

EDP 310: Motivation (SB)

EDP 310: Understanding the Brain (SB)

EEE 307: Signal Processing for Digital Culture

EEE 334: Circuits II

EEE 350: Random Signal Analysis

EEE 352: Properties of Electronic Materials

EEE 407: Digital Signal Processing

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

ENT 305: Principles of Entrepreneurship

FIN 300: Fundamentals of Finance

FIN 380: Personal Financial Management

FSE 301: Entrepreneurship and Value Creation or ENT 360: Entrepreneurship and Value Creation

HCR 350: Introduction to Clinical Research

IEE 300: Economic Analysis for Engineers

IEE 320: Extreme Excel

IEE 369: Work Analysis and Design (L)

IEE 381: Lean Six Sigma Methodology

IEE 431: Engineering Administration (L)

IND 464: Collaborative Design Development I (L)

IND 465: Collaborative Design Development II (L)

KIN 334: Functional Anatomy and Kinesiology

KIN 340: Physiology of Exercise

KIN 412: Biomechanics of the Skeletal System

KIN 413: Qualitative Analysis in Sport Biomechanics

KIN 414: Electromyographic Kinesiology (L)

KIN 440: Exercise Biochemistry

LES 305: Business Law and Ethics for Managers

MGT 300: Organization and Management Leadership

MGT 302: Principles of International Business (G)

MGT 380: Management and Strategy for Nonmajors

MIC 314: HIV/AIDS: Science, Behavior, and Society

MIC 360: Bacterial Physiology

MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations

MKT 300: Marketing and Business Performance

MKT 370: Professional Sales and Relationship Management

MKT 390: Essentials of Marketing

MKT 391: Essentials of Selling

MSE 301: Materials and Civilization

MSE 330: Thermodynamics of Materials

MSE 335: Materials Kinetics

MSE 355: Structure and Defects

MSE 356: Thin Film and Microelectronic Devices Lab

MSE 415: Mathematical and Computer Methods in Materials (CS)

MSE 420: Advanced Metallurgical Alloys and Processes

MSE 421: Physical Metallurgy Laboratory

MSE 440: Mechanical Behavior of Materials

MSE 442: Fatigue, Fracture, and Creep of Materials

MSE 450: Introduction to Materials Characterization

MSE 451: Nanomaterials and Electronics Characterization Lab

MSE 458: Electronic, Magnetic, and Optical Properties

MSE 460: Nanomaterials in Energy Production and Storage

MSE 470: Polymers and Composites

MSE 471: Introduction to Ceramics

LES 380: Consumer Perspective of Business Law

LSC 347: Fundamentals of Genetics

MAE 318: System Dynamics and Control I

MAE 341: Mechanism Analysis and Design

MAE 417: System Dynamics and Control II

MAT 300: Mathematical Structures (L)

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra

MAT 451: Mathematical Modeling (CS)

MAT 460: Vector Calculus

MAT 462: Applied Partial Differential Equations

MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L)

MSE 482: Materials Engineering Design (L)

NTR 457: Sports Nutrition

PAF 301: Applied Statistics (CS)

PAF 410: Building Leadership Skills (SB)

PHI 306: Applied Ethics (HU)

PHI 313: Probability, Evidence, and Decision

PHY 361: Introductory Modern Physics

PSY 325: Physiological Psychology

PSY 470: Psychopharmacology

SCM 300: Global Supply Operations

SOC 334: Technology and Society (L or SB)

STP 421: Probability

STP 429: Applied Regression (CS)

STS 304: Science, Technology, and Society (SB)

STS 332: Global Issues in Science and Technology (SB)

TEM 330: Systems Innovation

TWC 446: Technical and Scientific Reports (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biomedical Engineering (Biological Devices), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESBMEBDBSE

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-BME: The ASU Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• If ENG 105 is taken, a three credit hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| CHM 114: General Chemistry for Engineers (SQ) | 4 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| BME 100: Introduction to Biomedical Engineering | 3 | C | |
| BME 182: Biomedical Engineering Product Design and Development I | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| BME 122: Statistics for Biomedical Engineers | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete BME 100 course(s). | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • Prep for success using the Sophomore Guide. |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |

| | | |
|---|---|---|
| BME 210: Programming for Biomedical Engineers: Introduction to Computers, Programming and Data (CS) | 3 | C |
| BME 213: Biomedical and Bioengineering Ethics | 1 | C |
| BME 214: FDA Regulatory Processes and Technical Communications | 1 | C |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 275: Modern Differential Equations (MA) | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| BME 200: Conservation Principles in Biomedical Engineering | 3 | C | |
| BME 235: Physiology for Engineers | 4 | C | |
| BME 282: Biomedical Engineering Product Design and Development II | 1 | C | |
| EEE 202: Circuits I | 4 | C | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 353: Cell Biology | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| BME 318: Biomaterials | 4 | C | |
| BME 331: Transport Phenomena for Biomedical Engineering | 3 | C | |
| BME 362: Methods in Molecular and Cellular Biology | 1 | C | |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BME 360: Control in Biological Systems | 3 | C | • Research and prepare for graduate school .<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| BME 300: Bioengineering Product Design | 3 | C | |
| BME 301: Numerical Methods in Biomedical Engineering | 2 | C | |
| BME 316: Biomechanics for Biomedical Engineers | 3 | C | |
| BME 340: Thermodynamics for Biomedical Engineers | 3 | C | |
| BME 382: Biomedical Engineering Product Design and Development III | 1 | C | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BME 417: Biomedical Engineering Capstone Design I (L) | 4 | C | • Select your Upper Division Related Elective courses from the approved list found below or here.<br>• The general studies requirements for HU, SB, and the awareness areas do not have to be taken in exact combinations (as outlined on |
| BME 467: Tissue Engineering and Regenerative Medicine | 3 | C | |
| Upper Division Related Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 13 | |

the major map). By the end of term 8, all must be completed; however, the combinations may vary.

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BME 490: Biomedical Engineering Capstone Design II (L) | 4 | C | • Select your Upper Division Related Elective courses from the approved list found below or here.<br>• The general studies requirements for HU, SB, and the awareness areas do not have to be taken in exact combinations (as outlined on the major map). By the end of term 8, all must be completed; however, the combinations may vary. |
| Upper Division Related Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 16 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Related Electives |
|---|
| ACC 382: Accounting and Financial Analysis |
| BCH 361: Advanced Principles of Biochemistry |
| BCH 367: Elementary Biochemistry Laboratory |
| BCH 461: General Biochemistry |
| BCH 462: General Biochemistry |
| BCH 467: Analytical Biochemistry Laboratory (L) |
| BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) |
| BIO 331: Animal Behavior |
| BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins |
| BIO 345: Evolution |
| BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS) |
| BIO 360: Animal Physiology |

| Upper Division Related Electives continued |
|---|
| EDP 310: Developing as a Leader (SB) |
| EDP 310: Emotional Intelligence (SB) |
| EDP 310: Gender Development (SB) |
| EDP 310: Learning and Memory (SB) |
| EDP 310: Motivation (SB) |
| EDP 310: Understanding the Brain (SB) |
| EEE 307: Signal Processing for Digital Culture |
| EEE 334: Circuits II |
| EEE 350: Random Signal Analysis |
| EEE 352: Properties of Electronic Materials |
| EEE 407: Digital Signal Processing |
| EEE 480: Feedback Systems |
| EEE 481: Computer-Controlled Systems |
| ENT 305: Principles of Entrepreneurship |
| FIN 300: Fundamentals of Finance |
| FIN 380: Personal Financial Management |
| FSE 301: Entrepreneurship and Value Creation or ENT 360: Entrepreneurship and Value Creation |

| Upper Division Related Electives, continued |
|---|
| MEE 322: Structural Mechanics |
| MEE 340: Heat Transfer |
| MGT 300: Organization and Management Leadership |
| MGT 302: Principles of International Business (G) |
| MGT 380: Management and Strategy for Nonmajors |
| MIC 314: HIV/AIDS: Science, Behavior, and Society |
| MIC 360: Bacterial Physiology |
| MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations |
| MKT 300: Marketing and Business Performance |
| MKT 370: Professional Sales and Relationship Management |
| MKT 390: Essentials of Marketing |
| MKT 391: Essentials of Selling |
| MSE 301: Materials and Civilization |

BIO 440: Functional Genomics or MBB 440: Functional Genomics

BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging

BIO 467: Neurobiology

BME 394: Honors Research

BME 394: SBHSE Research Projects

BME 492: Honors Directed Study

BME 493: Honors Thesis (L)

BMI 311: Modeling Biomedical Knowledge

BMI 465: Introduction to Comparative Genomics

BUA 380: Small Business Leadership

BUA 381: Small Business Accounting and Finance

BUA 383: Small Business Working Relationships

BUS 384: Business Operations and Planning

CEE 384: Numerical Methods for Engineers (CS) or MAE 384: Advanced Mathematical Methods for Engineers (CS)

CHE 475: Biochemical Engineering

CHM 302: Environmental Chemistry

CHM 325: Analytical Chemistry

CHM 326: Advanced Analytical Chemistry Laboratory

CHM 341: Elementary Physical Chemistry or BCH 341: Physical Chemistry with a Biological Focus

CIS 300: Web Design and Development

COM 312: Communication, Conflict, and Negotiation

CSE 310: Data Structures and Algorithms

CSE 340: Principles of Programming Languages

CSE 412: Database Management

DAT 301: Exploring Data in R and Python

ECN 306: Survey of International Economics (SB & G)

HCR 350: Introduction to Clinical Research

IEE 300: Economic Analysis for Engineers

IEE 320: Extreme Excel

IEE 369: Work Analysis and Design (L)

IEE 381: Lean Six Sigma Methodology

IEE 431: Engineering Administration (L)

IND 464: Collaborative Design Development I (L)

IND 465: Collaborative Design Development II (L)

KIN 334: Functional Anatomy and Kinesiology

KIN 340: Physiology of Exercise

KIN 412: Biomechanics of the Skeletal System

KIN 413: Qualitative Analysis in Sport Biomechanics

KIN 414: Electromyographic Kinesiology (L)

KIN 440: Exercise Biochemistry

LES 305: Business Law and Ethics for Managers

LES 380: Consumer Perspective of Business Law

LSC 347: Fundamentals of Genetics

MAE 318: System Dynamics and Control I

MAE 341: Mechanism Analysis and Design

MAE 417: System Dynamics and Control II

MAT 300: Mathematical Structures (L)

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra

MAT 451: Mathematical Modeling (CS)

MAT 460: Vector Calculus

MAT 462: Applied Partial Differential Equations

MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L)

MSE 330: Thermodynamics of Materials

MSE 335: Materials Kinetics

MSE 355: Structure and Defects

MSE 356: Thin Film and Microelectronic Devices Lab

MSE 415: Mathematical and Computer Methods in Materials (CS)

MSE 420: Advanced Metallurgical Alloys and Processes

MSE 421: Physical Metallurgy Laboratory

MSE 440: Mechanical Behavior of Materials

MSE 442: Fatigue, Fracture, and Creep of Materials

MSE 450: Introduction to Materials Characterization

MSE 451: Nanomaterials and Electronics Characterization Lab

MSE 458: Electronic, Magnetic, and Optical Properties

MSE 460: Nanomaterials in Energy Production and Storage

MSE 470: Polymers and Composites

MSE 471: Introduction to Ceramics

MSE 482: Materials Engineering Design (L)

NTR 457: Sports Nutrition

PAF 301: Applied Statistics (CS)

PAF 410: Building Leadership Skills (SB)

PHI 306: Applied Ethics (HU)

PHI 313: Probability, Evidence, and Decision

PHY 361: Introductory Modern Physics

PSY 325: Physiological Psychology

PSY 470: Psychopharmacology

SCM 300: Global Supply Operations

SOC 334: Technology and Society (L or SB)

STP 421: Probability

STP 429: Applied Regression (CS)

STS 304: Science, Technology and Society (SB)

STS 332: Global Issues in Science and Technology (SB)

TEM 330: Systems Innovation

TWC 446: Technical and Scientific Reports (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biomedical Engineering (Biomedical Devices), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESBMEMDBSE

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-BME: The ASU Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all students.<br>• If ENG 105 is taken, a three credit hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| CHM 114: General Chemistry for Engineers (SQ) | 4 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| BME 100: Introduction to Biomedical Engineering | 3 | C | |
| BME 182: Biomedical Engineering Product Design and Development I | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| BME 122: Statistics for Biomedical Engineers | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete BME 100 course(s). | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • Prep for success using the Sophomore Guide. |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |

| | | |
|---|---|---|
| BME 210: Programming for Biomedical Engineers: Introduction to Computers, Programming and Data (CS) | 3 | C |
| BME 213: Biomedical and Bioengineering Ethics | 1 | C |
| BME 214: FDA Regulatory Processes and Technical Communications | 1 | C |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BME 200: Conservation Principles in Biomedical Engineering | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| BME 235: Physiology for Engineers | 4 | C | |
| BME 282: Biomedical Engineering Product Design and Development II | 1 | C | |
| EEE 202: Circuits I | 4 | C | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BME 350: Signals and Systems for Bioengineers | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| BME 318: Biomaterials | 4 | C | |
| BME 331: Transport Phenomena for Biomedical Engineering | 3 | C | |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BME 370: Microcomputer Applications in Biomedical Engineering | 3 | C | • Research and prepare for graduate school .<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| BME 300: Bioengineering Product Design | 3 | C | |
| BME 301: Numerical Methods in Biomedical Engineering | 2 | C | |
| BME 316: Biomechanics for Biomedical Engineers | 3 | C | |
| BME 340: Thermodynamics for Biomedical Engineers | 3 | C | |
| BME 382: Biomedical Engineering Product Design and Development III | 1 | C | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BME 417: Biomedical Engineering Capstone Design I (L) | 4 | C | • Select your Upper Division Related Elective courses from the approved list found below or here.<br>• The general studies requirements for HU or SB and the awareness areas do not have to be taken in exact combinations (as outlined on major map). By the end of term 8, all need to be completed, however the combinations may vary.<br>• Plan for success using the Senior Guide. |
| BME 413: Biomedical Instrumentation (L) | 3 | C | |
| BME 423: Biomedical Instrumentation Laboratory (L) | 1 | C | |
| Upper Division Related Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 14 | |

- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BME 490: Biomedical Engineering Capstone Design II (L) | 4 | C | • Select your Upper Division Related Elective courses from the approved list found below or here.<br>• The general studies requirements for HU or SB and the awareness areas do not have to be taken in exact combinations (as outlined on major map). By the end of term 8, all need to be completed, however the combinations may vary. |
| Upper Division Related Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 16 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Related Electives |
|---|
| ACC 382: Accounting and Financial Analysis |
| BCH 361: Advanced Principles of Biochemistry |
| BCH 367: Elementary Biochemistry Laboratory |
| BCH 461: General Biochemistry |
| BCH 462: General Biochemistry |
| BCH 467: Analytical Biochemistry Laboratory (L) |
| BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) |
| BIO 331: Animal Behavior |
| BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins |
| BIO 345: Evolution |
| BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS) |
| BIO 360: Animal Physiology |
| BIO 440: Functional Genomics or MBB 440: Functional Genomics |

| Upper Division Related Electives continued |
|---|
| EDP 310: Developing as a Leader (SB) |
| EDP 310: Emotional Intelligence (SB) |
| EDP 310: Gender Development (SB) |
| EDP 310: Learning and Memory (SB) |
| EDP 310: Motivation (SB) |
| EDP 310: Understanding the Brain (SB) |
| EEE 307: Signal Processing for Digital Culture |
| EEE 334: Circuits II |
| EEE 350: Random Signal Analysis |
| EEE 352: Properties of Electronic Materials |
| EEE 407: Digital Signal Processing |
| EEE 480: Feedback Systems |
| EEE 481: Computer-Controlled Systems |
| ENT 305: Principles of Entrepreneurship |
| FIN 300: Fundamentals of Finance |
| FIN 380: Personal Financial Management |
| FSE 301: Entrepreneurship and Value Creation or ENT 360: Entrepreneurship and Value Creation |
| HCR 350: Introduction to Clinical Research |
| IEE 300: Economic Analysis for Engineers |

| Upper Division Related Electives, continued |
|---|
| MEE 322: Structural Mechanics |
| MEE 340: Heat Transfer |
| MGT 300: Organization and Management Leadership |
| MGT 302: Principles of International Business (G) |
| MGT 380: Management and Strategy for Nonmajors |
| MIC 314: HIV/AIDS: Science, Behavior, and Society |
| MIC 360: Bacterial Physiology |
| MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations |
| MKT 300: Marketing and Business Performance |
| MKT 370: Professional Sales and Relationship Management |
| MKT 390: Essentials of Marketing |
| MKT 391: Essentials of Selling |
| MSE 301: Materials and Civilization |
| MSE 330: Thermodynamics of Materials |
| MSE 335: Materials Kinetics |
| MSE 355: Structure and Defects |

BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging

BIO 467: Neurobiology

BME 394: Honors Research

BME 394: SBHSE Research Projects

BME 492: Honors Directed Study

BME 493: Honors Thesis (L)

BMI 311: Modeling Biomedical Knowledge

BMI 465: Introduction to Comparative Genomics

BUA 380: Small Business Leadership

BUA 381: Small Business Accounting and Finance

BUA 383: Small Business Working Relationships

BUS 384: Business Operations and Planning

CEE 384: Numerical Methods for Engineers (CS) or MAE 384: Advanced Mathematical Methods for Engineers (CS)

CHE 475: Biochemical Engineering

CHM 302: Environmental Chemistry

CHM 325: Analytical Chemistry

CHM 326: Advanced Analytical Chemistry Laboratory

CHM 341: Elementary Physical Chemistry or BCH 341: Physical Chemistry with a Biological Focus

CIS 300: Web Design and Development

COM 312: Communication, Conflict, and Negotiation

CSE 310: Data Structures and Algorithms

CSE 340: Principles of Programming Languages

CSE 412: Database Management

DAT 301: Exploring Data in R and Python

ECN 306: Survey of International Economics (SB & G)

IEE 320: Extreme Excel

IEE 369: Work Analysis and Design (L)

IEE 381: Lean Six Sigma Methodology

IEE 431: Engineering Administration (L)

IND 464: Collaborative Design Development I (L)

IND 465: Collaborative Design Development II (L)

KIN 334: Functional Anatomy and Kinesiology

KIN 340: Physiology of Exercise

KIN 412: Biomechanics of the Skeletal System

KIN 413: Qualitative Analysis in Sport Biomechanics

KIN 414: Electromyographic Kinesiology (L)

KIN 440: Exercise Biochemistry

LES 305: Business Law and Ethics for Managers

LES 380: Consumer Perspective of Business Law

LSC 347: Fundamentals of Genetics

MAE 318: System Dynamics and Control I

MAE 341: Mechanism Analysis and Design

MAE 417: System Dynamics and Control II

MAT 300: Mathematical Structures (L)

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra

MAT 451: Mathematical Modeling (CS)

MAT 460: Vector Calculus

MAT 462: Applied Partial Differential Equations

MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L)

MSE 356: Thin Film and Microelectronic Devices Lab

MSE 415: Mathematical and Computer Methods in Materials (CS)

MSE 420: Advanced Metallurgical Alloys and Processes

MSE 421: Physical Metallurgy Laboratory

MSE 440: Mechanical Behavior of Materials

MSE 442: Fatigue, Fracture, and Creep of Materials

MSE 450: Introduction to Materials Characterization

MSE 451: Nanomaterials and Electronics Characterization Lab

MSE 458: Electronic, Magnetic, and Optical Properties

MSE 460: Nanomaterials in Energy Production and Storage

MSE 470: Polymers and Composites

MSE 471: Introduction to Ceramics

MSE 482: Materials Engineering Design (L)

NTR 457: Sports Nutrition

PAF 301: Applied Statistics (CS)

PAF 410: Building Leadership Skills (SB)

PHI 306: Applied Ethics (HU)

PHI 313: Probability, Evidence, and Decision

PHY 361: Introductory Modern Physics

PSY 325: Physiological Psychology

PSY 470: Psychopharmacology

SCM 300: Global Supply Operations

SOC 334: Technology and Society (L or SB)

STP 421: Probability

STP 429: Applied Regression (CS)

STS 304: Science, Technology and Society (SB)

STS 332: Global Issues in Science and Technology (SB)

TEM 330: Systems Innovation

TWC 446: Technical and Scientific Reports (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Chemical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCHEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • ASU 101 or college specific equivalent First-Year Seminar required of all first-year students.<br>• FSE 100 required for first-year students and should be completed the first semester. Non-first-year students: see advisor for petitioning replacement electives.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions . |
| FSE 100: Introduction to Engineering | 2 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CHE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHE 211: Introduction to Chemical Processing | 3 | C | • For more information about Bioscience Elective course options, please visit here.<br>• Prep for success using the Sophomore Guide. |
| MAT 242: Elementary Linear Algebra | 2 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |

| | | |
|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C |
| Bioscience Elective | 3 | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHE 231: Introduction to Transport Phenomena I: Fluids | 3 | C | • For more information about the Engineering Elective, please visit here.<br>• Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| CHM 234: General Organic Chemistry II | 3 | C | |
| Engineering Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHE 334: Introduction to Transport Phenomena II: Heat and Mass Transfer | 3 | C | • For more information about the Upper Division Advanced Chemistry/Biochemistry Technical Elective, please visit here.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CHE 342: Introduction to Applied Chemical Thermodynamics | 3 | C | |
| CHE 384: Numerical Methods for Chemical Engineers (CS) | 3 | C | |
| Upper Division Advanced Chemistry/Biochemistry Technical Elective | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHE 433: Modern Separations | 3 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| CHE 442: Introduction to Chemical Reactor Design | 3 | C | |
| CHE 352: Chemical Engineering Lab I (L) | 3 | C | |
| IEE 220: Business and Industrial Engineering | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHE 432: Principles of Chemical Engineering Design | 3 | C | • For more information about Upper Division CHE Technical Electives, please visit here.<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| CHE 451: Chemical Engineering Laboratory II | 3 | | |
| CHE 461: Process Dynamic Control (CS) | 3 | | |
| Upper Division CHE Technical Elective | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| CHE 462: Process Design (L) | 3 | |
| Upper Division Advanced Chemistry/Biochemistry Technical Elective | 3 | |
| Upper Division CHE Technical Elective | 3 | |
| Upper Division Natural Science or Materials Science Technical Elective | 3 | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 15 | |

- For more information about Upper Division Advanced Chemistry/Biochemistry Technical Electives, Upper Division CHE Technical Electives, and Upper Division Natural Science or Materials Science Technical Electives, please visit: CHE Elective Course Options

- For a list of Engineering Electives, Upper Division Advanced Chemistry/Biochemistry Technical Electives, CHE Upper Division Technical Electives, and Upper Division Natural Science or MSE Technical Elective course options please visit: CHE Elective Course Options.

Hide Course List(s)/Track Group(s)

| Bioscience Electives |
|---|
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 202: Human Anatomy and Physiology II (SG) |
| BME 111: Engineering Perspectives on Biological Systems |
| MIC 205: Microbiology (SG) |
| MIC 220: Biology of Microorganisms |

| Engineering Elective |
|---|
| BME 235: Physiology for Engineers |
| BME 494: Bioenergy and Microbial Biotechnology |
| BME 494: Biomedical Device Design |
| BME 494: Finite Element Modeling for Biomedical Application |
| BME 494: Molecular Medicine |
| BME 494: Molecular Synthetic Biology |
| CEE 210: Engineering Mechanics I: Statics |
| CEE 400: Earth Systems Engineering and Management ((L or HU) & H) |
| CEE 494: Sustainable Energy and Material Use |
| CSE 205: Object-Oriented Programming and Data Structures (CS) |
| EEE 202: Circuits I |
| EEE 241: Fundamentals of Electromagnetics |
| EEE 498: Manufacturing Science of Solar Cells |
| EGR 494: Engineering in Semiconductors and Microelectronics |
| FSE 301: Entrepreneurship and Value Creation |
| FSE 394: Engineering in Global Context |
| IEE 300: Economic Analysis for Engineers |

| Upper Division CHE Technical Electives |
|---|
| CHE 4** Elective |
| By approval only: |
| CHE 484: Internship |
| CHE 492: Honors Directed Study |
| CHE 493: Honors Thesis (L) |
| CHE 499: Individualized Instruction |

| | |
|---|---|
| | IEE 380: Probability and Statistics for Engineering Problem Solving (CS) |
| | IEE 385: Engineering Statistics: Probability |
| | MSE 250: Structure and Properties of Materials |
| | MSE 460: Nanomaterials in Energy Production and Storage |
| | MSE 494: Bioinspired Materials and Biomaterials |
| | MSE 494: Electrochemical Materials Science |
| | MSE 494: Failure Analysis of Metallic Materials |
| | MSE 494: Introduction to Computational Materials |
| | MSE 494: Manufacturing Processes for Structural Materials |
| | Note: MSE 208, 301, or 308 cannot be used. |
| | Note: Students taking IEE 380 or IEE 385 cannot take STP 420 or STP 421 for Natural Science/Materials Elective. |
| Upper Division Advanced Chemistry/Biochemistry Technical Elective | Upper Division Natural Science or Materials Science Technical Electives |
| BCH 341: Physical Chemistry with a Biological Focus | BCH 494: Bioenergy and Microbial Biotechnology |
| BCH 361: Advanced Principles of Biochemistry | BCH 494: Chemical Biology |
| BCH 461: General Biochemistry | BCH 494: Protein Biochemistry |
| BCH 463: Biophysical Chemistry | BIO 302: Cancer--Mother of All Diseases (L) |
| BCH 494: Chemical Biology | BIO 320: Fundamentals of Ecology |
| BCH 494: Protein Biochemistry | BIO 325: Oceanography |
| CHM 302: Environmental Chemistry | BIO 340: General Genetics |
| CHM 325: Analytical Chemistry or CHM 341: Elementary Physical Chemistry or CHM 345: Physical Chemistry I | BIO 353: Cell Biology |
| CHM 433: Advanced Organic Chemistry I | BIO 494: Environmental Systems Biology |
| CHM 435: Medicinal Chemistry | BME 494: Bioenergy and Microbial Biotechnology |
| CHM 453: Inorganic Chemistry | BME 494: Biomedical Device Design |
| CHM 471: Solid-State Chemistry | BME 494: Finite Element Modeling for Biomedical Application |
| CHM 481: Geochemistry | BME 494: Molecular Medicine |
| CHM 494: Bioinorganic | BME 494: Molecular Synthetic Biology |
| CHM 494: Chemistry of Atmospheres | CEE 494: Sustainable Energy and Material Use |

CHM 494: Thermodynamics of Natural Systems

EEE 352: Properties of Electronic Materials

EEE 435: Fundamentals of CMOS and MEMS

EEE 436: Fundamentals of Solid-State Devices

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

EEE 465: Photovoltaic Energy Conversion

EEE 498: Manufacturing Science of Solar Cells

GLG 321: Mineralogy

GLG 418: Geophysics

GLG 419: Geodynamics

GLG 481: Geochemistry

GLG 494: Environmental Systems Biology

MAE 404: Finite Elements in Engineering

MBB 347: Molecular Genetics: From Genes to Proteins

MIC 360: Bacterial Physiology

MIC 420: Immunology: Molecular and Cellular Foundations

MIC 441: Bacterial Genetics

MIC 445: Techniques in Molecular Biology/Genetics

MIC 461: Geomicrobiology

MSE 355: Structure and Defects

MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids

MSE 460: Nanomaterials in Energy Production and Storage

MSE 494: Bioinspired Materials and Biomaterials

MSE 494: Composite Materials

MSE 494: Electrochemical Materials Science

MSE 494: Failure Analysis of Metallic Materials

MSE 494: Introduction to Computational Materials

MSE 494: Manufacturing Processes for Structural Materials

PHY 312: Mechanics and Electromagnetism

| |
|---|
| PHY 331: Principles of Modern Electromagnetism |
| PHY 361: Introductory Modern Physics |
| PHY 494: Introduction to Nanoscience |
| STP 420: Introductory Applied Statistics (CS) |
| null null: null |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Civil Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCEEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSE 100: Introduction to Engineering | 2 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be completed the first semester.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 242: Elementary Linear Algebra | 2 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEE 210: Engineering Mechanics I: Statics | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |

| | | |
|---|---|---|
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEE 212: Engineering Mechanics II: Dynamics | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CEE 213: Introduction to Deformable Solids | 3 | C | |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR CHM 231: Elementary Organic Chemistry (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ) | 3-4 | | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | | |
| MAE 241: Introduction to Thermodynamics | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEE 321: Structural Analysis and Design | 4 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CEE 351: Geotechnical Engineering | 4 | | |
| CEE 353: Civil Engineering Materials | 4 | | |
| CEE 384: Numerical Methods for Engineers (CS) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEE 300: Engineering Business Practice (L) | 3 | | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| CEE 361: Introduction to Environmental Engineering | 4 | | |
| CEE 341: Fluid Mechanics for Civil Engineers | 4 | | |
| CEE 372: Transportation Engineering | 3 | | |
| BIO OR CEE OR CHM OR GLG OR MAE OR MAT OR MEE OR EGR Elective | 1 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEE 400: Earth Systems Engineering and Management ((L or HU) & H) | 3 | | • Technical Elective and Design Elective requirements: See advisor for guidance in selection.<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in-person or virtual practice interview. |
| Upper Division Design Elective | 3 | | |
| *Complete 3 courses:*<br>Technical Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CEE 486: Integrated Civil Engineering Design (L) | 4 | | • Technical Elective and Design Elective requirements: See advisor for guidance in selection. |
| Upper Division Design Elective | 3 | | |
| Technical Elective | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Technical Elective | Design Elective |
|---|---|
| CEE 281: Surveying | CEE 412: Pavement Analysis and Design |
| CEE 412: Pavement Analysis and Design | CEE 420: Steel Structures |
| CEE 420: Steel Structures | CEE 421: Concrete Structures |
| CEE 421: Concrete Structures | CEE 441: Water Resources Engineering |
| CEE 440: Hydrology | CEE 452: Foundations |
| CEE 441: Water Resources Engineering | CEE 462: Unit Operations in Environmental Engineering |
| CEE 452: Foundations | CEE 466: Urban Water System Design |
| CEE 462: Unit Operations in Environmental Engineering | CEE 475: Highway Geometric Design |
| CEE 466: Urban Water System Design | |
| CEE 467: Environmental Microbiology | |
| CEE 474: Transportation Systems Planning | |
| CEE 475: Highway Geometric Design | |
| CEE 481: Civil Engineering Project Management | |
| CEE 483: Highway Materials, Construction, and Quality | |
| CEE 493: Honors Thesis (L) | |
| CHE 469: Air Quality Engineering | |
| CON 453: Construction Technology | |
| FSE 301: Entrepreneurship and Value Creation | |
| IEE 431: Engineering Administration (L) | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Civil Engineering (Sustainable Engineering), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCEESUBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSE 100: Introduction to Engineering | 2 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be completed the first semester.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 242: Elementary Linear Algebra | 2 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| CEE 181: Technological, Social, and Sustainable Systems (HU) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEE 210: Engineering Mechanics I: Statics | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |

| | | |
|---|---|---|
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEE 212: Engineering Mechanics II: Dynamics | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CEE 213: Introduction to Deformable Solids | 3 | C | |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR CHM 231: Elementary Organic Chemistry (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ) | 3 | | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | | |
| MAE 241: Introduction to Thermodynamics | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEE 361: Introduction to Environmental Engineering | 4 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CEE 341: Fluid Mechanics for Civil Engineers | 4 | | |
| CEE 353: Civil Engineering Materials | 4 | | |
| CEE 384: Numerical Methods for Engineers (CS) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEE 300: Engineering Business Practice (L) | 3 | | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| CEE 321: Structural Analysis and Design | 4 | | |
| CEE 351: Geotechnical Engineering | 4 | | |
| CEE 372: Transportation Engineering | 3 | | |
| Elective | 1 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 300: Advanced Concepts and Integrated Approaches in Sustainability | 3 | | • Design Elective requirements: See advisor for guidance in selection.<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| *Complete 2 courses:*<br>Upper Division Design Elective | 6 | | |
| Technical Elective | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | CEE 486: Integrated Civil Engineering Design (L) | 4 | |
| | CEE 400: Earth Systems Engineering and Management ((L or HU) & H) | 3 | |
| | CEE 485: Sustainable Civil and Environmental Systems Engineering | 3 | |
| | Technical Elective | 3 | |
| | | Term hours subtotal: 13 | |

- Technical Elective requirements: See advisor for guidance in selection.

Hide Course List(s)/Track Group(s)

| Design Electives |
|---|
| CEE 412: Pavement Analysis and Design |
| CEE 420: Steel Structures |
| CEE 421: Concrete Structures |
| CEE 441: Water Resources Engineering |
| CEE 452: Foundations |
| CEE 462: Unit Operations in Environmental Engineering |
| CEE 466: Urban Water System Design |
| CEE 475: Highway Geometric Design |

| Approved Technical Elective |
|---|
| BCH 361: Advanced Principles of Biochemistry |
| BIO 320: Fundamentals of Ecology |
| CEE 281: Surveying |
| CEE 412: Pavement Analysis and Design |
| CEE 420: Steel Structures |
| CEE 421: Concrete Structures |
| CEE 440: Hydrology |
| CEE 441: Water Resources Engineering |
| CEE 452: Foundations |
| CEE 462: Unit Operations in Environmental Engineering |
| CEE 466: Urban Water System Design |
| CEE 474: Transportation Systems Planning |
| CEE 475: Highway Geometric Design |
| CEE 481: Civil Engineering Project Management |
| CEE 483: Highway Materials, Construction, and Quality |
| CEE 493: Honors Thesis (L) |
| CEE 494: Sustainable Energy and Material Use |
| CEE 499: Individualized Instruction |
| CHM 302: Environmental Chemistry |
| CHM 341: Elementary Physical Chemistry |
| CON 453: Construction Technology |
| PUP 442: Environmental Planning |

**Notes:**

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Computer Science, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCSEBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.<br>• If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions . |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline.<br>• Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Lab Science Requirement AND Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 120: Digital Design Fundamentals | 3 | C | • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. |
| CSE 240: Introduction to Programming Languages | 3 | C | |

| | | | |
|---|---|---|---|
| MAT 243: Discrete Mathematical Structures | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science | 3 | C | |
| Lab Science Requirement AND Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |
| Complete MAT 266 OR MAT 271 course(s). | | | |
| Complete First-Year Composition requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 47 - 63 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 230: Computer Organization and Assembly Language Programming | 3 | C | • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline.<br>• Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CSE 310: Data Structures and Algorithms | 3 | C | |
| Lab Science Requirement AND Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete CSE 259 OR MAT 267 OR MAT 272 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 63 - 79 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 355: Introduction to Theoretical Computer Science | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CSE 301: Computing Ethics | 1 | C | |
| CSE 360: Introduction to Software Engineering | 3 | C | |
| CSE 365: Information Assurance | 3 | C | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| **Term 6 79 - 94 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 340: Principles of Programming Languages | 3 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| CSE 330: Operating Systems | 3 | C | |
| CSE 412: Database Management OR CSE 434: Computer Networks OR CSE 445: Distributed Software Development | 3 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 94 - 108 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | |
|---|---|---|
| ★ CSE 485: Computer Science Capstone Project I (L) | 3 | C |
| *Complete 2 courses:*<br>CSE 4** Elective | 6 | C |
| Upper Division Technical Elective | 3 | C |
| Elective | 2 | |
| Term hours subtotal: | 14 | |

- Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information.
- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| **Term 8 108 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ CSE 486: Computer Science Capstone Project II (L) | 3 | C | • Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. |
| *Complete 2 courses:*<br>CSE 4** Elective | 6 | C | |
| Upper Division Technical Elective | 3 | C | |
| Term hours subtotal: | 12 | | |

- Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information.

Hide Course List(s)/Track Group(s)

| Lab Science Requirement |
|---|
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| CHM 113: General Chemistry I (SQ) |
| CHM 116: General Chemistry II (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) |
| GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) |
| GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) |

| Technical Electives |
|---|
| AEE 415: Vibration Analysis |
| AEE 426: Design of Aerospace Structures |
| AEE 462: Space Vehicle Dynamics and Control |
| AEE 463: Aircraft Propulsion |
| AEE 465: Rocket Propulsion |
| AEE 468: Aircraft Systems Design |
| AEE 471: Computational Fluid Dynamics |
| AME 430: Mac Development for Media Arts |
| AME 435: Mobile Development |
| BCH 361: Advanced Principles of Biochemistry |
| BCH 461: General Biochemistry |
| BCH 462: General Biochemistry |
| BIO 340: General Genetics |
| BIO 343: Genetic Engineering and Society (L) |
| BIO 345: Evolution |
| BME 350: Signals and Systems for Bioengineers |

| Technical Electives continued |
|---|
| EEE 304: Signals and Systems II |
| EEE 333: Hardware Design Languages and Programmable Logic |
| EEE 350: Random Signal Analysis |
| EEE 360: Energy Systems and Power Electronics |
| EEE 404: Real-Time DSP Systems |
| EEE 407: Digital Signal Processing |
| EEE 425: Digital Systems and Circuits |
| EEE 433: Analog Integrated Circuits |
| EEE 434: Quantum Mechanics for Engineers |
| EEE 435: Fundamentals of CMOS and MEMS |
| EEE 436: Fundamentals of Solid-State Devices |
| EEE 437: Optoelectronics |
| EEE 439: Semiconductor Facilities and Cleanroom Practices |
| EEE 443: Antennas for Wireless Communications |
| EEE 445: Microwaves |

BME 413: Biomedical Instrumentation (L)

BME 416: Advanced Biomechanics

CEE 412: Pavement Analysis and Design

CEE 432: Developing Software for Engineering Applications

CEE 440: Hydrology

CEE 441: Water Resources Engineering

CEE 452: Foundations

CEE 462: Unit Operations in Environmental Engineering

CEE 466: Urban Water System Design

CEE 467: Environmental Microbiology

CEE 474: Transportation Systems Planning

CEE 475: Highway Geometric Design

CEE 481: Civil Engineering Project Management

CEE 483: Highway Materials, Construction, and Quality

CEE 486: Integrated Civil Engineering Design (L)

CHE 342: Introduction to Applied Chemical Thermodynamics

CHE 432: Principles of Chemical Engineering Design

CHE 442: Introduction to Chemical Reactor Design

CHE 461: Process Dynamic Control (CS)

CHE 462: Process Design (L)

CHE 469: Air Quality Engineering

CHE 475: Biochemical Engineering

CIS 415: Big Data Analytics in Business

CPI 311: Game Engine Development

CPI 350: Evaluation of Informatics Systems

CPI 360: Decision Making and Problem Solving

CPI 411: Graphics for Games

CPI 460: Intelligent Interactive Instructional Systems

CPI 462: Design for Learning in Virtual Worlds

EEE 448: Fiber Optics

EEE 455: Communication Systems

EEE 459: Communication Networks

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

EEE 470: Electric Power Devices

EEE 471: Power System Analysis

EEE 473: Electrical Machinery

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

FSE 301: Entrepreneurship and Value Creation

IEE 376: Operations Research Deterministic Techniques/Applications

IEE 381: Lean Six Sigma Methodology

IEE 385: Engineering Statistics: Probability

IEE 412: Introduction to Financial Engineering

IEE 426: Operations Research in Healthcare

IEE 431: Engineering Administration (L)

IEE 456: Introduction to Systems Engineering

IEE 458: Project Management

IEE 461: Production Control

IEE 470: Stochastic Operations Research

IEE 474: Quality Control

IEE 475: Simulating Stochastic Systems (CS)

MAE 341: Mechanism Analysis and Design

MAE 404: Finite Elements in Engineering

MAE 417: System Dynamics and Control II

MAE 436: Combustion

MAE 455: Polymers and Composites

MAT Upper Division Elective

Except for: MAT 300, MAT 340, MAT 342, MAT 343 and MAT 485

MEE 434: Internal Combustion Engines

MEE 446: Energy Systems Design

PHY 302: Mathematical Methods in Physics II

| | |
|---|---|
| CSE 320: Design and Synthesis of Digital Hardware | PHY 361: Introductory Modern Physics |
| CSE 325: Embedded Microprocessor Systems | PHY 462: Particle and Nuclear Physics |
| CSE 335: Principles of Mobile Application Development | SER 421: Web-Based Applications |
| CSE 4** Elective | SER 422: Web Application Programming |
| | SER 423: Mobile Systems |
| | STP 421: Probability |
| | STP 425: Stochastic Processes |
| | STP 427: Mathematical Statistics |
| | STP 429: Applied Regression (CS) |
| | NOTE: Maximum 3 hours CSE 484 or FSE 301. Maximum 6 hours of CSE 484, 492, 493 or 499. Some Technical Electives may require additional prerequisites. |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Computer Science (Cybersecurity), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCSEIBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.<br>• If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions . |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline.<br>• Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Lab Science Requirement AND Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 120: Digital Design Fundamentals | 3 | C | • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. |
| CSE 240: Introduction to Programming Languages | 3 | C | |

| | | | |
|---|---|---|---|
| MAT 243: Discrete Mathematical Structures | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science | 3 | C | |
| Lab Science Requirement AND Natural Science - Quantitative (SQ) or Natural Science - General (SG) | 4 | | |
| Complete MAT 266 OR MAT 271 course(s). | | | |
| Complete First-Year Composition requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 47 - 63 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 230: Computer Organization and Assembly Language Programming | 3 | C | • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline.<br>• Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CSE 310: Data Structures and Algorithms | 3 | C | |
| Lab Science Requirement AND Natural Science - Quantitative (SQ) or Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete CSE 259 OR MAT 267 OR MAT 272 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 63 - 79 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CSE 301: Computing Ethics | 1 | C | |
| CSE 355: Introduction to Theoretical Computer Science | 3 | C | |
| CSE 360: Introduction to Software Engineering | 3 | C | |
| CSE 365: Information Assurance | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| **Term 6 79 - 94 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 330: Operating Systems | 3 | C | • CSE 434 is a prerequisite for CSE 468 which is an option for the Cybersecurity Focus Courses requirement.<br>• Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| CSE 340: Principles of Programming Languages | 3 | C | |
| CSE 412: Database Management OR CSE 434: Computer Networks OR CSE 445: Distributed Software Development | 3 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 94 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CSE 485: Computer Science Capstone Project I (L) | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| Upper Division Cybersecurity Elective | 3 | C | |
| Upper Division Cybersecurity Focus Courses | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CSE 486: Computer Science Capstone Project II (L) | 3 | C | • Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. |
| Upper Division Cybersecurity Elective | 3 | C | |
| Upper Division Cybersecurity Focus Courses | 3 | C | |
| Upper Division Technical Elective | 3 | C | |
| Term hours subtotal: | 12 | | |


- Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information.


Hide Course List(s)/Track Group(s)

| Lab Science Requirement |
|---|
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| CHM 113: General Chemistry I (SQ) |
| CHM 116: General Chemistry II (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) |
| GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) |
| GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) |

| Cybersecurity Focus Courses |
|---|
| CSE 466: Computer Systems Security |
| CSE 468: Computer Network Security |
| CSE 469: Computer and Network Forensics |
| CSE 494: Artificial Intelligence for Cyber Security |
| NOTE: CSE 468 requires CSE 434 as a prerequisite. |

| Cybersecurity Electives |
|---|
| CSE 460: Software Analysis and Design |
| CSE 463: Introduction to Human Computer Interaction |
| CSE 464: Software Quality Assurance and Testing |
| CSE 466: Computer Systems Security |
| CSE 468: Computer Network Security |
| CSE 469: Computer and Network Forensics |
| CSE 471: Introduction to Artificial Intelligence |
| CSE 494: Artificial Intelligence for Cyber Security |

| Technical Electives |
|---|
| AEE 415: Vibration Analysis |

| Technical Electives continued |
|---|
| EEE 304: Signals and Systems II |

- AEE 426: Design of Aerospace Structures
- AEE 462: Space Vehicle Dynamics and Control
- AEE 463: Aircraft Propulsion
- AEE 465: Rocket Propulsion
- AEE 468: Aircraft Systems Design
- AEE 471: Computational Fluid Dynamics
- AME 430: Mac Development for Media Arts
- AME 435: Mobile Development
- BCH 361: Advanced Principles of Biochemistry
- BCH 461: General Biochemistry
- BCH 462: General Biochemistry
- BIO 340: General Genetics
- BIO 343: Genetic Engineering and Society (L)
- BIO 345: Evolution
- BME 350: Signals and Systems for Bioengineers
- BME 413: Biomedical Instrumentation (L)
- BME 416: Advanced Biomechanics
- CEE 412: Pavement Analysis and Design
- CEE 432: Developing Software for Engineering Applications
- CEE 440: Hydrology
- CEE 441: Water Resources Engineering
- CEE 452: Foundations
- CEE 462: Unit Operations in Environmental Engineering
- CEE 466: Urban Water System Design
- CEE 467: Environmental Microbiology
- CEE 474: Transportation Systems Planning
- CEE 475: Highway Geometric Design
- CEE 481: Civil Engineering Project Management
- CEE 483: Highway Materials, Construction, and Quality
- CEE 486: Integrated Civil Engineering Design (L)
- EEE 333: Hardware Design Languages and Programmable Logic
- EEE 350: Random Signal Analysis
- EEE 360: Energy Systems and Power Electronics
- EEE 404: Real-Time DSP Systems
- EEE 407: Digital Signal Processing
- EEE 425: Digital Systems and Circuits
- EEE 433: Analog Integrated Circuits
- EEE 434: Quantum Mechanics for Engineers
- EEE 435: Fundamentals of CMOS and MEMS
- EEE 436: Fundamentals of Solid-State Devices
- EEE 437: Optoelectronics
- EEE 439: Semiconductor Facilities and Cleanroom Practices
- EEE 443: Antennas for Wireless Communications
- EEE 445: Microwaves
- EEE 448: Fiber Optics
- EEE 455: Communication Systems
- EEE 459: Communication Networks
- EEE 460: Nuclear Power Engineering
- EEE 463: Electrical Power Plants
- EEE 470: Electric Power Devices
- EEE 471: Power System Analysis
- EEE 473: Electrical Machinery
- EEE 480: Feedback Systems
- EEE 481: Computer-Controlled Systems
- FSE 301: Entrepreneurship and Value Creation
- IEE 376: Operations Research Deterministic Techniques/Applications
- IEE 381: Lean Six Sigma Methodology
- IEE 385: Engineering Statistics: Probability
- IEE 412: Introduction to Financial Engineering
- IEE 426: Operations Research in Healthcare
- IEE 431: Engineering Administration (L)

| | |
|---|---|
| CHE 342: Introduction to Applied Chemical Thermodynamics | IEE 456: Introduction to Systems Engineering |
| CHE 432: Principles of Chemical Engineering Design | IEE 458: Project Management |
| CHE 442: Introduction to Chemical Reactor Design | IEE 461: Production Control |
| CHE 461: Process Dynamic Control (CS) | IEE 470: Stochastic Operations Research |
| CHE 462: Process Design (L) | IEE 474: Quality Control |
| CHE 469: Air Quality Engineering | IEE 475: Simulating Stochastic Systems (CS) |
| CHE 475: Biochemical Engineering | MAE 341: Mechanism Analysis and Design |
| CIS 415: Big Data Analytics in Business | MAE 404: Finite Elements in Engineering |
| CPI 311: Game Engine Development | MAE 417: System Dynamics and Control II |
| CPI 350: Evaluation of Informatics Systems | MAE 436: Combustion |
| CPI 360: Decision Making and Problem Solving | MAE 455: Polymers and Composites |
| CPI 411: Graphics for Games | MAT Upper Division Elective |
| CPI 460: Intelligent Interactive Instructional Systems | Except for: MAT 300, MAT 340, MAT 342, MAT 343 and MAT 485 |
| CPI 462: Design for Learning in Virtual Worlds | MEE 434: Internal Combustion Engines |
| CSE 320: Design and Synthesis of Digital Hardware | MEE 446: Energy Systems Design |
| CSE 325: Embedded Microprocessor Systems | PHY 302: Mathematical Methods in Physics II |
| CSE 335: Principles of Mobile Application Development | PHY 361: Introductory Modern Physics |
| CSE 4** Elective | PHY 462: Particle and Nuclear Physics |
| Except for: CSE 485 and CSE 486 | SER 421: Web-Based Applications |
| | SER 422: Web Application Programming |
| | SER 423: Mobile Systems |
| | STP 421: Probability |
| | STP 425: Stochastic Processes |
| | STP 427: Mathematical Statistics |
| | STP 429: Applied Regression (CS) |
| | NOTE: Maximum 3 hours CSE 484 or FSE 301. Maximum 6 hours of CSE 484, 492, 493 or 499. Some Technical Electives may require additional prerequisites. |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Computer Science (Software Engineering), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCSESBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.<br>• If ENG 105 is taken, a three (3) credit hour elective must also be taken prior to graduation.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions . |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline.<br>• Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Lab Science Requirement AND Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 120: Digital Design Fundamentals | 3 | C | • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. |
| CSE 240: Introduction to Programming Languages | 3 | C | |

| | | | |
|---|---|---|---|
| MAT 243: Discrete Mathematical Structures | 3 | C | • Prep for success using the Sophomore Guide |
| MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science | 3 | C | |
| Lab Science Requirement AND Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |
| Complete MAT 266 OR MAT 271 course(s). | | | |
| Complete First-Year Composition requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 47 - 63 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 230: Computer Organization and Assembly Language Programming | 3 | C | • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline.<br>• Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CSE 310: Data Structures and Algorithms | 3 | C | |
| Lab Science Requirement AND Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete CSE 259 OR MAT 267 OR MAT 272 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 63 - 79 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 355: Introduction to Theoretical Computer Science | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CSE 301: Computing Ethics | 1 | C | |
| CSE 360: Introduction to Software Engineering | 3 | C | |
| CSE 365: Information Assurance | 3 | C | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| **Term 6 79 - 94 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 330: Operating Systems | 3 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| CSE 340: Principles of Programming Languages | 3 | C | |
| CSE 445: Distributed Software Development | 3 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 94 - 108 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | |
|---|---|---|
| ★ CSE 485: Computer Science Capstone Project I (L) | 3 | C |
| CSE 460: Software Analysis and Design | 3 | C |
| CSE 464: Software Quality Assurance and Testing | 3 | C |
| Upper Division Technical Elective | 3 | C |
| Elective | 2 | |
| Term hours subtotal: | 14 | |

- Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information.
- Students should take CSE 434 as the Upper Division Technical Elective in Term 7 if they plan taking CSE 468 in Term 8. CSE 434 is a prerequisite for CSE 468.
- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| **Term 8 108 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ CSE 486: Computer Science Capstone Project II (L) | 3 | C | • CSE 468 requires CSE 434 as a prerequisite.<br>• Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. |
| CSE 446: Software Integration and Engineering | 3 | C | |
| CSE 463: Introduction to Human Computer Interaction OR CSE 466: Computer Systems Security OR CSE 467: Data and Information Security OR CSE 468: Computer Network Security | 3 | C | |
| Upper Division Technical Elective | 3 | C | |
| Term hours subtotal: | 12 | | |

- Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information.

Hide Course List(s)/Track Group(s)

| Lab Science Requirement | Technical Electives | Technical Electives continued |
|---|---|---|
| BIO 181: General Biology I (SQ) | Students who plan to take CSE 468 in Term 8 should take CSE 434 as the Upper Division Technical Elective in Term 7. CSE 434 is a prerequisite for CSE 468. | NOTE: Maximum 3 hours CSE 484 or FSE 301. Maximum 6 hours of CSE 484, 492, 493 or 499. Some Technical Electives may require additional prerequisites. |
| BIO 182: General Biology II (SG) | AEE 415: Vibration Analysis | EEE 304: Signals and Systems II |
| CHM 113: General Chemistry I (SQ) | AEE 426: Design of Aerospace Structures | EEE 333: Hardware Design Languages and Programmable Logic |
| CHM 116: General Chemistry II (SQ) | AEE 462: Space Vehicle Dynamics and Control | EEE 350: Random Signal Analysis |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | AEE 463: Aircraft Propulsion | EEE 360: Energy Systems and Power Electronics |
| GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) | AEE 465: Rocket Propulsion | EEE 404: Real-Time DSP Systems |
| GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) | AEE 468: Aircraft Systems Design | EEE 407: Digital Signal Processing |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | AEE 471: Computational Fluid Dynamics | EEE 425: Digital Systems and Circuits |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | AME 430: Mac Development for Media Arts | EEE 433: Analog Integrated Circuits |
| | AME 435: Mobile Development | EEE 434: Quantum Mechanics for Engineers |
| | BCH 361: Advanced Principles of Biochemistry | EEE 435: Fundamentals of CMOS and MEMS |
| | BCH 461: General Biochemistry | |

BCH 462: General Biochemistry

BIO 340: General Genetics

BIO 343: Genetic Engineering and Society (L)

BIO 345: Evolution

BME 350: Signals and Systems for Bioengineers

BME 413: Biomedical Instrumentation (L)

BME 416: Advanced Biomechanics

CEE 412: Pavement Analysis and Design

CEE 432: Developing Software for Engineering Applications

CEE 440: Hydrology

CEE 441: Water Resources Engineering

CEE 452: Foundations

CEE 462: Unit Operations in Environmental Engineering

CEE 466: Urban Water System Design

CEE 467: Environmental Microbiology

CEE 474: Transportation Systems Planning

CEE 475: Highway Geometric Design

CEE 481: Civil Engineering Project Management

CEE 483: Highway Materials, Construction, and Quality

CEE 486: Integrated Civil Engineering Design (L)

CHE 342: Introduction to Applied Chemical Thermodynamics

CHE 432: Principles of Chemical Engineering Design

CHE 442: Introduction to Chemical Reactor Design

CHE 461: Process Dynamic Control (CS)

CHE 462: Process Design (L)

CHE 469: Air Quality Engineering

CHE 475: Biochemical Engineering

CIS 415: Big Data Analytics in Business

CPI 311: Game Engine Development

CPI 350: Evaluation of Informatics Systems

EEE 436: Fundamentals of Solid-State Devices

EEE 437: Optoelectronics

EEE 439: Semiconductor Facilities and Cleanroom Practices

EEE 443: Antennas for Wireless Communications

EEE 445: Microwaves

EEE 448: Fiber Optics

EEE 455: Communication Systems

EEE 459: Communication Networks

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

EEE 470: Electric Power Devices

EEE 471: Power System Analysis

EEE 473: Electrical Machinery

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

FSE 301: Entrepreneurship and Value Creation

IEE 376: Operations Research Deterministic Techniques/Applications

IEE 381: Lean Six Sigma Methodology

IEE 385: Engineering Statistics: Probability

IEE 412: Introduction to Financial Engineering

IEE 426: Operations Research in Healthcare

IEE 431: Engineering Administration (L)

IEE 456: Introduction to Systems Engineering

IEE 458: Project Management

IEE 461: Production Control

IEE 470: Stochastic Operations Research

IEE 474: Quality Control

IEE 475: Simulating Stochastic Systems (CS)

MAE 341: Mechanism Analysis and Design

MAE 404: Finite Elements in Engineering

MAE 417: System Dynamics and Control II

MAE 436: Combustion

| | |
|---|---|
| CPI 360: Decision Making and Problem Solving | MAE 455: Polymers and Composites |
| CPI 411: Graphics for Games | MAT Upper Division Elective |
| CPI 460: Intelligent Interactive Instructional Systems | Except for: MAT 300, MAT 340, MAT 342, MAT 343 and MAT 485 |
| CPI 462: Design for Learning in Virtual Worlds | MEE 434: Internal Combustion Engines |
| CSE 320: Design and Synthesis of Digital Hardware | MEE 446: Energy Systems Design |
| CSE 325: Embedded Microprocessor Systems | PHY 302: Mathematical Methods in Physics II |
| CSE 335: Principles of Mobile Application Development | PHY 361: Introductory Modern Physics |
| CSE 4** Elective | PHY 462: Particle and Nuclear Physics |
| | SER 421: Web-Based Applications |
| | SER 422: Web Application Programming |
| | SER 423: Mobile Systems |
| | STP 421: Probability |
| | STP 425: Stochastic Processes |
| | STP 427: Mathematical Statistics |
| | STP 429: Applied Regression (CS) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Computer Systems Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCSEBSE

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.<br>• If ENG 105 is taken, a three (3) semester hour elective must also be taken prior to graduation.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions . |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Biology or Chemistry Course | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 120: Digital Design Fundamentals | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 243: Discrete Mathematical Structures | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |

| | | |
|---|---|---|
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| Complete MAT 266 OR MAT 271 course(s). | | |
| Complete First-Year Composition requirement. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| **Term 4** 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 220: Programming for Computer Engineering | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CSE 230: Computer Organization and Assembly Language Programming | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete MAT 267 OR MAT 272 course(s). | | | |
| Term hours subtotal: | 16 | | |

| **Term 5** 63 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 310: Data Structures and Algorithms | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CSE 301: Computing Ethics | 1 | C | |
| CSE 320: Design and Synthesis of Digital Hardware | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| Term hours subtotal: | 14 | | |

| **Term 6** 77 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 325: Embedded Microprocessor Systems | 3 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| CSE 330: Operating Systems | 3 | C | |
| CSE 360: Introduction to Software Engineering | 3 | C | |
| EEE 334: Circuits II | 4 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| **Term 7** 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 423: Systems Capstone Project I (L) | 3 | C | • Please see course lists below for CSE Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. Maximum 6 hours at the 300-level.<br>• Plan for success using the Senior Guide. |
| CSE 434: Computer Networks | 3 | C | |
| *Complete 2 courses:*<br>Upper Division CSE Technical Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15 | |

- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CSE 424: Systems Capstone Project II (L) | 3 | C | • Please see course lists below for CSE Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. Maximum 6 hours at the 300-level. |
| CSE 420: Computer Architecture I | 3 | C | |
| *Complete 2 courses:*<br>4** Upper Division CSE Technical Elective | 6 | C | |
| Term hours subtotal: | 12 | | |

- Please see course lists below for CSE Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. Maximum 6 hours at the 300-level.

Hide Course List(s)/Track Group(s)

| Biology or Chemistry Courses |
|---|
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| CHM 113: General Chemistry I (SQ) |
| CHM 114: General Chemistry for Engineers (SQ) |
| CHM 116: General Chemistry II (SQ) |

| Upper Division CSE Technical Electives |
|---|
| Note: 6 hours maximum of 300-level Technical Electives. 6 hours minimum of 400-level Technical Electives. |
| Maximum 3 hours of CSE 484 or FSE 301. |
| Maximum 6 hours of CSE 484, 492, 493 or 499. |
| Some Technical Electives may require additional prerequisites. |
| Students considering graduate program in Computer Science should take CSE 340 and CSE 355. |
| CPI 350: Evaluation of Informatics Systems |
| CPI 411: Graphics for Games |
| CSE 335: Principles of Mobile Application Development |
| CSE 340: Principles of Programming Languages |
| CSE 355: Introduction to Theoretical Computer Science |
| CSE 365: Information Assurance |
| CSE 4** Elective |
| Not from CSE 423 or 424. |
| EEE 304: Signals and Systems II |
| EEE 350: Random Signal Analysis |
| EEE 404: Real-Time DSP Systems |

- EEE 407: Digital Signal Processing
- EEE 425: Digital Systems and Circuits
- EEE 455: Communication Systems
- EEE 480: Feedback Systems
- EEE 481: Computer-Controlled Systems
- FSE 301: Entrepreneurship and Value Creation
- IEE 385: Engineering Statistics: Probability
- MAT 416: Graph Theory
- MAT 421: Applied Computational Methods (CS)
- MAT 447: Cryptography I
- MAT 448: Cryptography II
- PHY 302: Mathematical Methods in Physics II
- PHY 333: Electronic Circuits and Measurements
- PHY 441: Statistical and Thermal Physics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Computer Systems Engineering (Cybersecurity), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCSEIBSE

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.<br>• If ENG 105 is taken, a three (3) semester hour elective must also be taken prior to graduation.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions . |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Biology or Chemistry Course | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 120: Digital Design Fundamentals | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 243: Discrete Mathematical Structures | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |

| | | |
|---|---|---|
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| Complete MAT 266 OR MAT 271 course(s). | | |
| Complete First-Year Composition requirement. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| **Term 4** 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 220: Programming for Computer Engineering | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CSE 230: Computer Organization and Assembly Language Programming | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete MAT 267 OR MAT 272 course(s). | | | |
| Term hours subtotal: | 16 | | |

| **Term 5** 63 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 310: Data Structures and Algorithms | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CSE 301: Computing Ethics | 1 | C | |
| CSE 320: Design and Synthesis of Digital Hardware | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| Term hours subtotal: | 14 | | |

| **Term 6** 77 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 325: Embedded Microprocessor Systems | 3 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| CSE 330: Operating Systems | 3 | C | |
| CSE 360: Introduction to Software Engineering | 3 | C | |
| CSE 365: Information Assurance | 3 | C | |
| EEE 334: Circuits II | 4 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| **Term 7** 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 423: Systems Capstone Project I (L) | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| CSE 434: Computer Networks | 3 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Upper Division Cybersecurity Focus Courses | 3 | C | |
| Upper Division CSE Technical Elective | 3 | C | |

| | |
|---|---|
| Term hours subtotal: | 15 |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CSE 424: Systems Capstone Project II (L) | 3 | C | |
| CSE 420: Computer Architecture I | 3 | C | |
| Upper Division Cybersecurity Focus Courses | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Biology or Chemistry Course |
|---|
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| CHM 113: General Chemistry I (SQ) |
| CHM 114: General Chemistry for Engineers (SQ) |
| CHM 116: General Chemistry II (SQ) |

| Cybersecurity Focus Courses |
|---|
| CSE 466: Computer Systems Security |
| CSE 468: Computer Network Security |
| CSE 469: Computer and Network Forensics |
| CSE 494: Artificial Intelligence for Cyber Security |

| CSE Technical Elective |
|---|
| CPI 350: Evaluation of Informatics Systems |
| CPI 411: Graphics for Games |
| CSE 335: Principles of Mobile Application Development |
| CSE 340: Principles of Programming Languages |
| CSE 355: Introduction to Theoretical Computer Science |
| CSE 4** Elective |
| EEE 304: Signals and Systems II |
| EEE 350: Random Signal Analysis |
| EEE 404: Real-Time DSP Systems |
| EEE 407: Digital Signal Processing |
| EEE 425: Digital Systems and Circuits |
| EEE 455: Communication Systems |
| EEE 480: Feedback Systems |
| EEE 481: Computer-Controlled Systems |
| FSE 301: Entrepreneurship and Value Creation |
| IEE 385: Engineering Statistics: Probability |
| MAT 416: Graph Theory |
| MAT 421: Applied Computational Methods (CS) |
| MAT 447: Cryptography I |
| MAT 448: Cryptography II |
| PHY 302: Mathematical Methods in Physics II |

PHY 333: Electronic Circuits and Measurements

PHY 441: Statistical and Thermal Physics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Construction Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCONBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• If ENG 105 is taken, a 3 credit hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| FSE 100: Introduction to Engineering | 2 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CON: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 242: Elementary Linear Algebra | 2 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| CON 101: Construction and Culture: a Built Environment (HU & H) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CNE 210: Engineering Mechanics I: Statics | 3 | C | • Prep for success using the Sophomore Guide. |
| CNE 243: Heavy Construction Equipment, Methods and Materials | 3 | | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |

| | | |
|---|---|---|
| MAT 275: Modern Differential Equations (MA) | 3 | C |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CNE 212: Engineering Mechanics II: Dynamics | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CNE 213: Introduction to Deformable Solids | 3 | C | |
| CNE 271: Construction Safety | 3 | C | |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR BME 111: Engineering Perspectives on Biological Systems OR GLG 101: Introduction to Geology I (Physical) (SQ) | 3-4 | | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CNE 321: Structural Analysis and Design | 4 | | • If students take MAE 241 they will need to make up 1 credit hour in a Civil, Construction, math or science course.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CNE 353: Civil Engineering Materials | 4 | | |
| EEE 202: Circuits I OR MAE 241: Introduction to Thermodynamics | 4-3 | | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | | |
| Term hours subtotal: | 15-14 | | |

| Term 6 77 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CNE 383: Construction Estimating | 4 | | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| CNE 241: Surveying | 3 | | |
| CNE 351: Geotechnical Engineering | 4 | | |
| CNE 400: Earth Systems Engineering and Management ((L or HU) & H) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Summer 6 91 - 92 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CNE 484: Internship | 1 | | |
| Term hours subtotal: | 1 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CNE 453: Construction Technology | 3 | | • Design Elective requirements: complete a total of 2 design electives.<br>• Plan for success using the Senior Guide. |
| CNE 495: Construction Planning and Scheduling (CS) | 3 | | |
| Upper Division Design Elective | 3 | | |
| Technical Elective | 3 | | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Term hours subtotal: | 15 | |

- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CNE 486: Integrated Civil Engineering Design (L) | 4 | | • Design Elective requirements: complete a total of 2 design electives. |
| CNE 455: Construction Project Management II | 3 | | |
| CNE 496: Construction Contract Administration (L) | 3 | | |
| Upper Division Design Elective | 3 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Design Elective |
|---|
| CEE 420: Steel Structures |
| CEE 421: Concrete Structures |
| CEE 452: Foundations |

| Technical Elective |
|---|
| CEE 372: Transportation Engineering |
| CEE 412: Pavement Analysis and Design |
| CEE 420: Steel Structures |
| CEE 421: Concrete Structures |
| CEE 432: Developing Software for Engineering Applications |
| CEE 440: Hydrology |
| CEE 441: Water Resources Engineering |
| CEE 452: Foundations |
| CEE 462: Unit Operations in Environmental Engineering |
| CEE 466: Urban Water System Design |
| CEE 467: Environmental Microbiology |
| CEE 474: Transportation Systems Planning |
| CEE 475: Highway Geometric Design |
| CEE 481: Civil Engineering Project Management |
| CEE 483: Highway Materials, Construction, and Quality |
| CEE 493: Honors Thesis (L) |
| CEE 494: Concrete Canoe Design |
| CEE 494: Steel Bridge Design |
| CON 296: Summer Field Internship |
| CON 310: Testing of Materials for Construction |

CON 345: Mechanical Systems

CON 448: Sustainable Construction

CON 454: Trenchless Construction Methods

CON 493: Honors Thesis (L)

FSE 301: Entrepreneurship and Value Creation

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Construction Management and Technology, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCONMGTBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CON 100: Introduction to Construction | 2 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| CON 101: Construction and Culture: a Built Environment (HU & H) | 3 | C | |
| CON 252: Building Construction Methods, Materials, and Equipment | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| ASU 101-CON: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CON 244: Working Drawing Analysis | 2 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| COM 225: Public Speaking (L) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CON 221: Applied Statics | 2 | C | • Prep for success using the Sophomore Guide. |
| CON 251: Microcomputer Applications for Construction | 3 | C | |
| CON 243: Heavy Construction Equipment, Methods and Materials | 3 | C | |

| | | | |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| **Term 4 45 - 59 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CON 223: Strength of Materials | 2 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CON 271: Construction Safety | 3 | C | |
| CON 241: Surveying | 3 | C | |
| CON 345: Mechanical Systems | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | | |
| Term hours subtotal: | 14 | | |

| **Summer 4 59 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CON 296: Summer Field Internship | 1 | C | |
| Term hours subtotal: | 1 | | |

| **Term 5 60 - 74 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CON 310: Testing of Materials for Construction | 4 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CON 273: Electrical Construction Fundamentals and Project Management | 3 | C | |
| CON 383: Construction Estimating | 4 | | |
| CON 453: Construction Technology | 3 | | |
| Term hours subtotal: | 14 | | |

| **Term 6 74 - 89 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CON 495: Construction Planning and Scheduling (CS) | 3 | | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| CON 424: Structural Design | 3 | | |
| CON 448: Sustainable Construction | 3 | | |
| MGT 380: Management and Strategy for Nonmajors | 3 | | |
| Upper Division Construction Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Summer 6 89 - 90 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CON 484: Internship | 1 | | |
| Term hours subtotal: | 1 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CON 455: Construction Project Management II | 3 | | • Students must have a minimum 2.50 GPA in order to take LES 305.<br>• Plan for success using the Senior Guide. |
| ACC 382: Accounting and Financial Analysis | 3 | | |
| CON 487: Heavy Construction Project Management | 3 | | |

| | | | |
|---|---|---|---|
| Upper Division Construction Elective | 3 | | • Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CON 491: Construction Project Capstone | 3 | | |
| CON 496: Construction Contract Administration (L) | 3 | | |
| ECN 211: Macroeconomic Principles (SB) | 3 | | |
| LES 305: Business Law and Ethics for Managers | 3 | | |
| Upper Division Construction Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Construction Elective |
|---|
| CON 343: Advanced Heavy Equipment Operations |
| CON 384: Environmental Aspects of Heavy Construction |
| CON 446: Marketing for Construction |
| CON 450: Geotechnical Applications for Construction |
| CON 454: Trenchless Construction Methods |
| CON 457: Principles of Leadership for Project Managers |
| CON 483: Advanced Building Estimating |
| CON 486: Heavy Construction Estimating |
| CON 488: Heavy Construction Earthworks |
| CON 394: Special Topics |
| CON 494: Special Topics |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Electrical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESEEEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ASU 101-EEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| EEE 120: Digital Design Fundamentals | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 202: Circuits I | 4 | | • Prep for success using the Sophomore Guide. |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |

| | | |
|---|---|---|
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| Complete First-Year Composition requirement. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 203: Signals and Systems I | 3 | | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| EEE 241: Fundamentals of Electromagnetics | 3 | | |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| PHY 241: University Physics III | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 334: Circuits II | 4 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| EEE 230: Computer Organization and Assembly Language Programming | 3 | | |
| EEE 350: Random Signal Analysis | 3 | | |
| Upper Division Area Pathway Course | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:*<br>Upper Division Area Pathway Course | 12 | | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 488: Senior Design Laboratory I (L) | 3 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| Upper Division Math or Science or Engineering Elective | 3 | | |
| *Complete 2 courses:*<br>Upper Division Technical Elective | 6 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 489: Senior Design Laboratory II (L) | 3 | | |
| *Complete 3 courses:*<br>Upper Division Technical Elective | 9 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

| Technical Electives | Math or Science or Engineering Elective | Area Pathway Course |
|---|---|---|
| EEE 404: Real-Time DSP Systems | AEE Upper Division Elective | EEE 304: Signals and Systems II |
| EEE 407: Digital Signal Processing | BIO Upper Division Elective | EEE 333: Hardware Design Languages and Programmable Logic |
| EEE 425: Digital Systems and Circuits | BME Upper Division Elective | EEE 335: Analog and Digital Circuits |
| EEE 433: Analog Integrated Circuits | CEE Upper Division Elective | EEE 341: Engineering Electromagnetics |
| EEE 434: Quantum Mechanics for Engineers | CHE Upper Division Elective | EEE 352: Properties of Electronic Materials |
| EEE 435: Fundamentals of CMOS and MEMS | CHM Upper Division Elective | EEE 360: Energy Systems and Power Electronics |
| EEE 436: Fundamentals of Solid-State Devices | CPI Upper Division Elective | |
| EEE 437: Optoelectronics | CSE Upper Division Elective | |
| EEE 439: Semiconductor Facilities and Cleanroom Practices | IEE Upper Division Elective | |
| EEE 443: Antennas for Wireless Communications | MAE Upper Division Elective | |
| EEE 445: Microwaves | MAT Upper Division Elective | |
| EEE 448: Fiber Optics | MSE Upper Division Elective | |
| EEE 455: Communication Systems | PHY Upper Division Elective | |
| EEE 459: Communication Networks | STP 420: Introductory Applied Statistics (CS) | |
| EEE 460: Nuclear Power Engineering | STP 421: Probability | |
| EEE 463: Electrical Power Plants | Upper Division Technical Elective | |
| EEE 465: Photovoltaic Energy Conversion | | |
| EEE 470: Electric Power Devices | | |
| EEE 471: Power System Analysis | | |
| EEE 472: Power Electronics and Power Management | | |
| EEE 473: Electrical Machinery | | |
| EEE 480: Feedback Systems | | |
| EEE 481: Computer-Controlled Systems | | |
| EEE 498: Constructionist Approach to Microprocessor Design | | |
| EEE 498: Manufacturing Science of Solar Cells | | |
| EEE 498: Networking for Big Data | | |
| EEE 498: Python for Rapid Engineering Solutions | | |

EEE 498: Science and Technology of Solar Cell Fabrication

EEE 498: Foundations Machine Learning: From Theory to Pract

EEE 498: Machine Learning Basics with Application to FPGAs

EEE 498: Renewable Energy Technology and Systems

EEE 492: Honors Directed Study

EEE 493: Honors Thesis (L)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org/.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Electrical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
ESEEEBSE

| Term 1 - A 0 - 6 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. |
| ASU 101-ONL: The ASU Experience | 1 | | |
| FSE 100: Introduction to Engineering | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 1 - B 6 - 12 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 12 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| Term hours subtotal: | 8 | | |

| Term 2 - B 20 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 26 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| EEE 120: Digital Design Fundamentals | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 33 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 275: Modern Differential Equations (MA) | 3 | C | • Prep for success using the Sophomore Guide. |
| CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS) | 3 | C | |
| Complete First-Year Composition requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 39 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 202: Circuits I | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 46 - 52 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 241: Fundamentals of Electromagnetics | 3 | | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 52 - 58 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 241: University Physics III | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 58 - 65 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 334: Circuits II | 4 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| EEE 203: Signals and Systems I | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 65 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 350: Random Signal Analysis | 3 | | |
| Upper Division Area Pathway Course | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| EEE 230: Computer Organization and Assembly Language Programming | 3 | | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| **Term 7 - A 78 - 85 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Area Pathway Course | 4 | | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Term hours subtotal: | 7 | | |

| **Term 7 - B 85 - 92 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Area Pathway Course | 4 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| Upper Division Technical Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| **Term 8 - A 92 - 99 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ EEE 488: Senior Design Laboratory I (L) | 3 | | |
| Upper Division Area Pathway Course | 4 | | |
| Term hours subtotal: | 7 | | |

| **Term 8 - B 99 - 105 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Math or Science or Engineering Elective | 3 | | |
| Upper Division Technical Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 9 - A 105 - 111 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ EEE 489: Senior Design Laboratory II (L) | 3 | | |
| Upper Division Technical Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 9 - B 111 - 117 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Technical Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 10 - A 117 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Technical Elective | 3 | | |
| Term hours subtotal: | 3 | | |

- Major maps are built based on full-time enrollment, but can be adjusted as necessary for part-time attendance.

Hide Course List(s)/Track Group(s)

| Technical Electives |
| --- |
| EEE 404: Real-Time DSP Systems |
| EEE 407: Digital Signal Processing |
| EEE 425: Digital Systems and Circuits |
| EEE 433: Analog Integrated Circuits |
| EEE 434: Quantum Mechanics for Engineers |
| EEE 435: Fundamentals of CMOS and MEMS |
| EEE 436: Fundamentals of Solid-State Devices |
| EEE 439: Semiconductor Facilities and Cleanroom Practices |
| EEE 443: Antennas for Wireless Communications |
| EEE 445: Microwaves |
| EEE 448: Fiber Optics |
| EEE 459: Communication Networks |
| EEE 460: Nuclear Power Engineering |
| EEE 463: Electrical Power Plants |
| EEE 465: Photovoltaic Energy Conversion |
| EEE 470: Electric Power Devices |
| EEE 471: Power System Analysis |
| EEE 472: Power Electronics and Power Management |
| EEE 473: Electrical Machinery |
| EEE 480: Feedback Systems |
| EEE 481: Computer-Controlled Systems |
| EEE 498: Constructionist Approach to Microprocessor Design |
| EEE 498: Manufacturing Science of Solar Cells |
| EEE 498: Networking for Big Data |
| EEE 498: Python for Rapid Engineering Solutions |

| Area Pathway Course |
| --- |
| EEE 304: Signals and Systems II |
| EEE 333: Hardware Design Languages and Programmable Logic |
| EEE 335: Analog and Digital Circuits |
| EEE 341: Engineering Electromagnetics |
| EEE 352: Properties of Electronic Materials |
| EEE 360: Energy Systems and Power Electronics |

| Math or Science or Engineering Elective |
| --- |
| AEE Upper Division Elective |
| BIO Upper Division Elective |
| BME Upper Division Elective |
| CEE Upper Division Elective |
| CHE Upper Division Elective |
| CHM Upper Division Elective |
| CPI Upper Division Elective |
| CSE Upper Division Elective |
| IEE Upper Division Elective |
| MAE Upper Division Elective |
| MAT Upper Division Elective |
| MSE Upper Division Elective |
| PHY Upper Division Elective |
| Upper Division Technical Elective |

EEE 498: Science and Technology of Solar Cell Fabrication

EEE 498: Foundations Machine Learning: From Theory to Pract

EEE 498: Machine Learning Basics with Application to FPGAs

EEE 498: Renewable Energy Technology and Systems

EEE 492: Honors Directed Study

EEE 493: Honors Thesis (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Electrical Engineering (Electric Power and Energy Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESEEEPBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ASU 101-EEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| EEE 120: Digital Design Fundamentals | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 202: Circuits I | 4 | | • Prep for success using the Sophomore Guide. |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |

| | | |
|---|---|---|
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 203: Signals and Systems I | 3 | | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| EEE 241: Fundamentals of Electromagnetics | 3 | | |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| PHY 241: University Physics III | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 334: Circuits II | 4 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| EEE 230: Computer Organization and Assembly Language Programming | 3 | | |
| EEE 350: Random Signal Analysis | 3 | | |
| EEE 360: Energy Systems and Power Electronics | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:*<br>Upper Division Area Pathway Course | 12 | | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 488: Senior Design Laboratory I (L) | 3 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| Upper Division Math or Science or Engineering Elective | 3 | | |
| *Complete 2 courses:*<br>Upper Division Power Technical Elective | 6 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 489: Senior Design Laboratory II (L) | 3 | | |
| Upper Division Power Technical Elective | 3 | | |
| *Complete 2 courses:*<br>Upper Division Technical Elective | 6 | | |

| | |
|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 |
| Term hours subtotal: | 15 |

Hide Course List(s)/Track Group(s)

| Technical Electives |
|---|
| EEE 404: Real-Time DSP Systems |
| EEE 407: Digital Signal Processing |
| EEE 425: Digital Systems and Circuits |
| EEE 433: Analog Integrated Circuits |
| EEE 434: Quantum Mechanics for Engineers |
| EEE 435: Fundamentals of CMOS and MEMS |
| EEE 436: Fundamentals of Solid-State Devices |
| EEE 437: Optoelectronics |
| EEE 439: Semiconductor Facilities and Cleanroom Practices |
| EEE 443: Antennas for Wireless Communications |
| EEE 445: Microwaves |
| EEE 448: Fiber Optics |
| EEE 455: Communication Systems |
| EEE 459: Communication Networks |
| EEE 460: Nuclear Power Engineering |
| EEE 463: Electrical Power Plants |
| EEE 465: Photovoltaic Energy Conversion |
| EEE 470: Electric Power Devices |
| EEE 471: Power System Analysis |
| EEE 472: Power Electronics and Power Management |
| EEE 473: Electrical Machinery |
| EEE 480: Feedback Systems |
| EEE 481: Computer-Controlled Systems |
| EEE 492: Honors Directed Study |
| EEE 493: Honors Thesis (L) |
| EEE 498: Constructionist Approach to Microprocessor Design |

| Math or Science or Engineering Elective |
|---|
| AEE Upper Division Elective |
| BIO Upper Division Elective |
| BME Upper Division Elective |
| CEE Upper Division Elective |
| CHE Upper Division Elective |
| CHM Upper Division Elective |
| CPI Upper Division Elective |
| CSE Upper Division Elective |
| IEE Upper Division Elective |
| MAE Upper Division Elective |
| MAT Upper Division Elective |
| MSE Upper Division Elective |
| PHY Upper Division Elective |
| STP 420: Introductory Applied Statistics (CS) |
| STP 421: Probability |
| Upper Division Technical Elective |

| Power Technical Electives |
|---|
| EEE 460: Nuclear Power Engineering |
| EEE 463: Electrical Power Plants |
| EEE 465: Photovoltaic Energy Conversion |
| EEE 470: Electric Power Devices |
| EEE 471: Power System Analysis |
| EEE 472: Power Electronics and Power Management |
| EEE 473: Electrical Machinery |

| |
|---|
| EEE 498: Manufacturing Science of Solar Cells |
| EEE 498: Networking for Big Data |
| EEE 498: Python for Rapid Engineering Solutions |
| EEE 498: Science and Technology of Solar Cell Fabrication |
| EEE 498: Foundations Machine Learning: From Theory to Pract |
| EEE 498: Machine Learning Basics with Application to FPGAs |
| EEE 498: Renewable Energy Technology and Systems |
| Area Pathway Course |
| EEE 304: Signals and Systems II |
| EEE 333: Hardware Design Languages and Programmable Logic |
| EEE 335: Analog and Digital Circuits |
| EEE 341: Engineering Electromagnetics |
| EEE 352: Properties of Electronic Materials |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Electrical Engineering (Electric Power and Energy Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
ESEEEPBSE

| Term 1 - A 0 - 6 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. |
| ASU 101-EEE: The ASU Experience | 1 | | |
| FSE 100: Introduction to Engineering | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 1 - B 6 - 12 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 12 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| Term hours subtotal: | 8 | | |

| Term 2 - B 20 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 120: Digital Design Fundamentals | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 33 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS) | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Complete First-Year Composition requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 39 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 202: Circuits I | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 46 - 52 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 241: Fundamentals of Electromagnetics | 3 | | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 52 - 58 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 241: University Physics III | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 58 - 65 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 203: Signals and Systems I | 3 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| EEE 334: Circuits II | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 65 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 350: Random Signal Analysis | 3 | | |
| EEE 360: Energy Systems and Power Electronics | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| EEE 230: Computer Organization and Assembly Language Programming | 3 | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

- Research and prepare for graduate school.
- Develop a professional profile online.

| **Term 7 - A 78 - 85 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Area Pathway Course | 4 | | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Term hours subtotal: | 7 | | |

| **Term 7 - B 85 - 92 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Area Pathway Course | 4 | | |
| Upper Division Power Technical Elective | 3 | | |
| Term hours subtotal: | 7 | | |

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| **Term 8 - A 92 - 99 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ EEE 488: Senior Design Laboratory I (L) | 3 | | |
| ★ Upper Division Area Pathway Course | 4 | | |
| Term hours subtotal: | 7 | | |

| **Term 8 - B 99 - 105 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Math or Science or Engineering Elective | 3 | | |
| Upper Division Power Technical Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 9 - A 105 - 111 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ EEE 489: Senior Design Laboratory II (L) | 3 | | |
| Upper Division Power Technical Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 9 - B 111 - 117 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Technical Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 10 - A 117 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Technical Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

| Technical Electives |
| --- |
| EEE 404: Real-Time DSP Systems |
| EEE 407: Digital Signal Processing |
| EEE 425: Digital Systems and Circuits |
| EEE 433: Analog Integrated Circuits |
| EEE 434: Quantum Mechanics for Engineers |
| EEE 435: Fundamentals of CMOS and MEMS |
| EEE 436: Fundamentals of Solid-State Devices |
| EEE 439: Semiconductor Facilities and Cleanroom Practices |
| EEE 443: Antennas for Wireless Communications |
| EEE 445: Microwaves |
| EEE 448: Fiber Optics |
| EEE 455: Communication Systems |
| EEE 459: Communication Networks |
| EEE 460: Nuclear Power Engineering |
| EEE 463: Electrical Power Plants |
| EEE 465: Photovoltaic Energy Conversion |
| EEE 470: Electric Power Devices |
| EEE 471: Power System Analysis |
| EEE 472: Power Electronics and Power Management |
| EEE 473: Electrical Machinery |
| EEE 480: Feedback Systems |
| EEE 481: Computer-Controlled Systems |
| EEE 492: Honors Directed Study |
| EEE 493: Honors Thesis (L) |
| EEE 498: Constructionist Approach to Microprocessor Design |
| EEE 498: Manufacturing Science of Solar Cells |
| EEE 498: Networking for Big Data |
| EEE 498: Python for Rapid Engineering Solutions |

| Math or Science or Engineering Elective |
| --- |
| AEE Upper Division Elective |
| BIO Upper Division Elective |
| BME Upper Division Elective |
| CEE Upper Division Elective |
| CHE Upper Division Elective |
| CHM Upper Division Elective |
| CPI Upper Division Elective |
| CSE Upper Division Elective |
| IEE Upper Division Elective |
| MAE Upper Division Elective |
| MAT Upper Division Elective |
| MSE Upper Division Elective |
| PHY Upper Division Elective |
| Upper Division Technical Elective |

| Power Technical Electives |
| --- |
| EEE 460: Nuclear Power Engineering |
| EEE 463: Electrical Power Plants |
| EEE 465: Photovoltaic Energy Conversion |
| EEE 470: Electric Power Devices |
| EEE 471: Power System Analysis |
| EEE 472: Power Electronics and Power Management |
| EEE 473: Electrical Machinery |

| |
|---|
| EEE 498: Science and Technology of Solar Cell Fabrication |
| EEE 498: Foundations Machine Learning: From Theory to Pract |
| EEE 498: Machine Learning Basics with Application to FPGAs |
| EEE 498: Renewable Energy Technology and Systems |
| Area Pathway Course |
| EEE 304: Signals and Systems II |
| EEE 333: Hardware Design Languages and Programmable Logic |
| EEE 335: Analog and Digital Circuits |
| EEE 341: Engineering Electromagnetics |
| EEE 352: Properties of Electronic Materials |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSEGRBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 102: Foundations of Engineering Design Project II | 3 | | • Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program.<br>• Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 201: Use-Inspired Design Project I | 3 | C | • Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |

| | | |
|---|---|---|
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C |
| Complete MAT 266 course(s). | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program.
- Prep for success using the Sophomore Guide.
- Consult the Resume, Presentation, and Resource Library for tips on how to create a technical resume, job shadow, do informational interviews and mentor with alumni.

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 202: Use-Inspired Design Project II | 3 | C | • Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program.<br>• Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C | |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Complete EGR 216 AND EGR 218 course(s). | | | |
| Complete MAT 267 course(s). | | | |
| Milestone: Selection of Engineering concentration | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 63
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Engineering (Automotive Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSEGRASBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 102: Foundations of Engineering Design Project II | 3 | | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 201: Use-Inspired Design Project I | 3 | C | • Prep for success using the Sophomore Guide. |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |

| | | | |
|---|---|---|---|
| Complete MAT 266 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 202: Use-Inspired Design Project II | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C | |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Complete EGR 216 AND EGR 218 course(s). | | | |
| Complete MAT 267 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 306: Automotive Systems Project I | 3 | C | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| EGR 340: Engineering Thermo-Fluids I | 3 | C | |
| Secondary Focus Area (EGR 360 recommended) | 3 | | |
| PHY 321: Vector Mechanics and Vibration | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 316: Automotive Systems Project II | 3 | C | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.<br>• Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| EGR 363: Automotive Powertrains and Thermal Systems | 3 | C | |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| MAT 343: Applied Linear Algebra | 3 | | |
| Secondary Focus Area | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 401: Professional Design Project I (L) | 3 | C | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.<br>• Students must select a Science Elective from the listed courses below.<br>• Plan for success using the Senior Guide. |
| EGR 330: Design of Electrical Systems OR EGR 432: Engineering Thermo-Fluids II | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| Science Elective | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ EGR 402: Professional Design Project II | 3 | | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisorto identify their secondary focus area. |
| EGR 463: Vehicle Electrical Systems and Hybrid Systems | 3 | | |
| EGR 465: Ground Vehicle Dynamics | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Science Elective |
|---|
| AST 111: Introduction to Solar Systems Astronomy (SQ) |
| BIO 181: General Biology I (SQ) |
| CHM 116: General Chemistry II (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Engineering (Electrical Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSEGRESBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 102: Foundations of Engineering Design Project II | 3 | | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 201: Use-Inspired Design Project I | 3 | C | • Prep for success using the Sophomore Guide. |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |

| | | | |
|---|---|---|---|
| Complete MAT 266 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 202: Use-Inspired Design Project II | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C | |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Complete EGR 216 AND EGR 218 course(s). | | | |
| Complete MAT 267 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 304: Embedded Systems Design Project I | 3 | C | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| EGR 330: Design of Electrical Systems | 3 | C | |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| Science Elective (PHY 131 recommended) | 3 | | |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 314: Embedded Systems Design Project II | 3 | C | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.<br>• Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| EGR 334: Analog-Digital Interface | 3 | C | |
| EGR 338: Microcontrollers in Smart Systems | 3 | | |
| MAT 343: Applied Linear Algebra | 3 | | |
| Secondary Focus Area | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 401: Professional Design Project I (L) | 3 | C | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions. |
| EGR 430: Design, Fabrication, and Architecture of Electronic Devices | 3 | | |
| PHY 331: Principles of Modern Electromagnetism | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

- Complete an in person or virtual practice interview.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ EGR 402: Professional Design Project II | 3 | | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. |
| EGR 431: Power Management OR EGR 476: Microgrid Design and Operation | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| Upper Division Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Science Elective |
|---|
| AST 111: Introduction to Solar Systems Astronomy (SQ) |
| BIO 181: General Biology I (SQ) |
| CHM 116: General Chemistry II (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Engineering (Mechanical Engineering Systems), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSEGRMEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 102: Foundations of Engineering Design Project II | 3 | | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 201: Use-Inspired Design Project I | 3 | C | • Prep for success using the Sophomore Guide. |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |

| | | |
|---|---|---|
| Complete MAT 266 course(s). | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 202: Use-Inspired Design Project II | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C | |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Complete EGR 216 AND EGR 218 course(s). | | | |
| Complete MAT 267 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 303: Mechanical Systems Project I | 3 | C | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| EGR 340: Engineering Thermo-Fluids I | 3 | C | |
| PHY 321: Vector Mechanics and Vibration | 3 | | |
| Secondary Focus Area | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 313: Mechanical Systems Project II | 3 | C | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.<br>• Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| EGR 343: Mechanics of Solid Materials | 3 | C | |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| MAT 343: Applied Linear Algebra | 3 | | |
| Secondary Focus Area | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 401: Professional Design Project I (L) | 3 | C | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions. |
| EGR 432: Engineering Thermo-Fluids II | 3 | | |
| EGR 444: Engineering Design | 3 | C | |
| Upper Division Secondary Focus Area | 3 | | |
| Science Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Complete an in person or virtual practice interview.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ EGR 402: Professional Design Project II | 3 | | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. |
| EGR 445: Mechanical Engineering Systems | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Science Elective |
|---|
| AST 111: Introduction to Solar Systems Astronomy (SQ) |
| BIO 181: General Biology I (SQ) |
| CHM 116: General Chemistry II (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Engineering (Robotics), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSEGRRBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 102: Foundations of Engineering Design Project II | 3 | | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 201: Use-Inspired Design Project I | 3 | C | • Prep for success using the Sophomore Guide. |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |

| | | |
|---|---|---|
| Complete MAT 266 course(s). | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 202: Use-Inspired Design Project II | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C | |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Complete EGR 216 AND EGR 218 course(s). | | | |
| Complete MAT 267 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 304: Embedded Systems Design Project I | 3 | C | • If Electrical, must take EGR 330.<br>• If Mechanical, must take EGR 343.<br>• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| EGR 455: Robotic Systems I | 3 | C | |
| EGR 330: Design of Electrical Systems OR EGR 343: Mechanics of Solid Materials | 3 | C | |
| PHY 321: Vector Mechanics and Vibration | 3 | | |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 314: Embedded Systems Design Project II | 3 | C | • If Electrical, must take EGR 334.<br>• If Mechanical, must take EGR 444.<br>• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.<br>• Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| EGR 334: Analog-Digital Interface OR EGR 444: Engineering Design | 3 | | |
| EGR 456: Robotic Systems II | 3 | | |
| MAT 343: Applied Linear Algebra | 3 | | |
| Secondary Focus Area | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 401: Professional Design Project I (L) | 3 | C | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For |
| Upper Division Secondary Focus Area | 3 | | |
| Science Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 15 | |

example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ EGR 402: Professional Design Project II | 3 | | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area. |
| EGR 433: Transforms and Systems Modeling | 3 | | |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Science Elective |
|---|
| AST 111: Introduction to Solar Systems Astronomy (SQ) |
| BIO 181: General Biology I (SQ) |
| CHM 116: General Chemistry II (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Engineering Management, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESEMGBSE

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-IEE: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation.<br>• Students taking CHM 113 for Basic Science Elective need to earn a "C" minimum grade and complete CHM 116 for the degree.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Basic Science Elective | 3-4 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15-16 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107. | | | |
| Complete MAT 170 OR MAT 265 OR MAT 270 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | |

| | | |
|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C |
| Global Engineering/Sustainability/Entrepreneurship Course | 3-4 | |
| Complete MAT 266 OR MAT 271 course(s). | | |
| Complete First-Year Composition requirement. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16-17 | |

- Students with credit for CHM 113 must take CHM 116.
- Please note that COM 263 in term 4 requires a minimum 2.00 GPA as a prerequisite.
- Prep for success using the Sophomore Guide.

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C |
| ACC 241: Uses of Accounting Information II | 3 | C |
| COM 263: Elements of Intercultural Communication (SB & C & G) | 3 | |
| Math or Science Elective | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 15 | |

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| IEE 431: Engineering Administration (L) | 3 | C |
| IEE 300: Economic Analysis for Engineers | 3 | C |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C |
| MGT 300: Organization and Management Leadership | 3 | C |
| Industry Focus Area Elective | 3 | C |
| Term hours subtotal: | 15 | |

- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

| Term 6 77 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| IEE 321: Professional Engineering Practice | 1 | C |
| IEE 458: Project Management | 3 | C |
| IEE 369: Work Analysis and Design (L) | 3 | C |
| IEE 381: Lean Six Sigma Methodology | 3 | C |
| IEE 477: System Dynamics and Thinking | 3 | C |
| Upper Division Industry Focus Area Elective | 3 | C |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 16 | |

- Research and prepare for graduate school.
- Apply for an engineering 4+1 program.
- Develop a professional profile online.

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| IEE 485: Systems Design Capstone I (L) | 3 | C |
| IEE 454: Risk Management | 3 | C |
| Math or Science Elective | 3 | C |
| *Complete 2 courses:* Upper Division Industry Focus Area Elective | 6 | C |

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| | |
|---|---|
| Term hours subtotal: | 15 |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ IEE 486: Systems Design Capstone II (L) | 3 | C | |
| IEE 456: Introduction to Systems Engineering | 3 | C | |
| Upper Division Industry Focus Area Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12 | | |

- Contact CIDSE Advising or visit the CIDSE website for additional information about Math or Science Electives, Industry Focus Area Electives, or IEE Technical Elective courses (see Career Focus Area for details).
- For Industry Focus Area Electives, please note that some courses are sequential and may be only offered in the Fall or Spring semester. Also, some courses may require additional prerequisites.

Hide Course List(s)/Track Group(s)

| Basic Science Elective |
|---|
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 202: Human Anatomy and Physiology II (SG) |
| BME 111: Engineering Perspectives on Biological Systems |
| CHM 113: General Chemistry I (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) |
| GLG 102: Introduction to Geology II (Historical) (SG & H) |
| GLG 110: Dangerous World (SQ & G) |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |

| Global Engineering/Sustainability/Entrepreneurship |
|---|
| ABS 270: Sustainable Biological Systems |
| ALA 102: Landscapes and Sustainability (HU & G) |
| CEE 181: Technological, Social, and Sustainable Systems (HU) |
| FSE 150: Perspectives on Grand Challenges for Engineering (SB) |
| FSE 301: Entrepreneurship and Value Creation |
| PUP 190: Sustainable Cities ((HU or SB) & G) or SOS 111: Sustainable Cities ((HU or SB) & G) |
| SES 106: Habitable Worlds (SQ) |
| SOS 100: Introduction to Sustainability (G) |
| SOS 110: Sustainable World (SB) |

| Industry Focus Area Elective (Business Analytics Industry) |
|---|
| IEE 376: Operations Research Deterministic Techniques/Applications |
| IEE 385: Engineering Statistics: Probability |
| IEE 3** Elective |
| IEE 461: Production Control |
| IEE 474: Quality Control |
| IEE 4** Elective |
| Math or Science Elective (Business Analytics Industry) |
| MAT 275: Modern Differential Equations (MA) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) |

| Industry Focus Area Elective (Communication and Networks Industry) |
|---|
| EEE 202: Circuits I |
| EEE 203: Signals and Systems I |
| EEE 350: Random Signal Analysis |
| EEE 455: Communication Systems |
| EEE 459: Communication Networks |

| Industry Focus Area Elective (Electronics and Semiconductor Industry) |
|---|
| EEE 202: Circuits I |
| EEE 241: Fundamentals of Electromagnetics |
| EEE 352: Properties of Electronic Materials |
| EEE 434: Quantum Mechanics for Engineers |
| EEE 435: Fundamentals of CMOS and MEMS |

| Industry Focus Area Elective (Mechanical Systems Industry) |
|---|
| Required Courses |
| CEE 384: Numerical Methods for Engineers (CS) or MAE 384: Advanced Mathematical Methods for Engineers (CS) |
| MAE 201: Mechanics of Particles and Rigid Bodies I: Statics |

| | | |
|---|---|---|
| Math or Science Elective (Communication and Networks industry) | EEE 436: Fundamentals of Solid-State Devices | MAE 241: Introduction to Thermodynamics |
| MAT 275: Modern Differential Equations (MA) | EEE 439: Semiconductor Facilities and Cleanroom Practices | Elective Choices |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | Math or Science Elective (Electronics and Semiconductor Industry) | MEE 340: Heat Transfer |
| | MAT 275: Modern Differential Equations (MA) | MEE 434: Internal Combustion Engines |
| | PHY 131: University Physics II: Electricity and Magnetism (SQ) | MEE 482: Intermediate Thermodynamics |
| | | MSE 355: Structure and Defects |
| | | Math or Science Elective (Mechanical Systems Industry) |
| | | MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics |
| | | MAT 275: Modern Differential Equations (MA) |
| | | MSE 250: Structure and Properties of Materials |
| Industry Focus Area Elective (Power Systems Industry) | Industry Focus Area Elective (Software Industry) | Industry Focus Area Elective (Sustainable and Environmentally Benign Industry) |
| EEE 202: Circuits I | CSE 240: Introduction to Programming Languages or CSE 220: Programming for Computer Engineering | CEE 213: Introduction to Deformable Solids |
| EEE 241: Fundamentals of Electromagnetics | CSE 310: Data Structures and Algorithms | CEE 361: Introduction to Environmental Engineering |
| EEE 360: Energy Systems and Power Electronics | CSE 360: Introduction to Software Engineering | CEE 400: Earth Systems Engineering and Management ((L or HU) & H) |
| EEE 463: Electrical Power Plants | CSE 3** Elective | CEE 467: Environmental Microbiology |
| EEE 470: Electric Power Devices | CSE 4** Elective | CEE 470: Sustainable Environmental Biotechnologies |
| EEE 472: Power Electronics and Power Management | Math or Science Elective (Software Industry) | Math or Science Elective (Sustainable and Environmentally Benign Industry |
| Math or Science Elective (Power Systems Industry) | Note: MAT 243 is required. | CEE 210: Engineering Mechanics I: Statics or EVE 214: Environmental Engineering Mechanics |
| MAT 275: Modern Differential Equations (MA) | MAT 243: Discrete Mathematical Structures | MAT 275: Modern Differential Equations (MA) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | General Math or Science Course | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Economics, BS

School/College: W. P. Carey School of Business
Location:
BAECNBS

# and

# Engineering Management, BSE

Ira A. Fulton Schools of Engineering
ESEMGBSE

In order to complete this concurrent degree in four years, you must take courses during the summer.Â This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

| **Term 1 0 - 15 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101-IEE or WPC 101 meets this requirement.<br>• Students taking CHM 113 for the Basic Science Elective need to earn a "C" minimum grade and complete CHM 116 for the degree. |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-IEE: The ASU Experience OR WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Basic Science Elective | 3-4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15-16 | | |

| **Term 2 15 - 31.25 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Join a student club or organization<br>• Create your first college resume<br>• Research study abroad opportunities recommended for your major |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |

| | | |
|---|---|---|
| WPC 150: Business and Society | 3 | C |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16.25 | |

| **Summer 2 Session 1 31.25 - 37.25 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| COM 263: Elements of Intercultural Communication (SB & C & G) | 3 | | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Summer 2 Session 2 37.25 - 43.25 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) OR SOC course (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 3 43.25 - 59.50 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Students who took CHM 113 for the Basic Science Elective in term 1 must complete CHM 116 for the degree<br>• Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347<br>• Explore career resources<br>• Meet with your Career Coaches<br>• Develop your professional online presence |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Global Engineering/Sustainability/Entrepreneurship Track Course | 3-4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 OR ECN 212 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25-17.25 | | |

| **Term 4 59.50 - 77.50 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken. |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| ECN Upper Division Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| **Summer 4 Session 1 77.50 - 83.50 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | |
|---|---|---|
| ENG 302: Business Writing (L) | 3 | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C |
| Term hours subtotal: | 6 | |

| Summer 4 Session 2 83.50 - 89.50 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 89.50 - 104.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | • Attend Career Fairs<br>• Apply for internships or create one<br>• Complete informational interviews |
| ★ IEE 376: Operations Research Deterministic Techniques/Applications | 3 | C | |
| IEE 300: Economic Analysis for Engineers | 3 | C | |
| IEE 385: Engineering Statistics: Probability | 3 | C | |
| IEE 431: Engineering Administration (L) | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 15.25 | | |

| Term 6 104.75 - 120.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | |
| ★ IEE 477: System Dynamics and Thinking | 3 | C | |
| IEE 321: Ethics and Technical Communication | 1 | C | |
| IEE 369: Work Analysis and Design (L) | 3 | C | |
| IEE 381: Lean Six Sigma Methodology | 3 | C | |
| IEE 458: Project Management | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Summer 6 Session 1 120.75 - 126.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G) | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Term hours subtotal: | 6 | | |

| Summer 6 Session 2 126.75 - 132.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 275: Modern Differential Equations (MA) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 132.75 - 150.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics | 3 | C | |

| | | | |
|---|---|---|---|
| ★ ECN 4** Elective | 3 | C | |
| ★ IEE 454: Risk Management | 3 | C | |
| ★ IEE 485: Systems Design Capstone I (L) | 3 | C | |
| IEE 412: Introduction to Financial Engineering | 3 | C | |
| IEE 474: Quality Control | 3 | C | |
| Term hours subtotal: | 18 | | |

- All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480.
- A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken.

| **Term 8** 150.75 - 169.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 475: Capstone in Economics (L) | 3 | C | |
| ★ ECN 4** Elective | 3 | C | |
| ★ IEE 456: Introduction to Systems Engineering | 3 | C | |
| ★ IEE 486: Systems Design Capstone II (L) | 3 | C | |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| IEE 461: Production Control | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Term hours subtotal: | 18.25 | | |

- A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken.
- Apply for full-time career opportunities

Hide Course List(s)/Track Group(s)

| Basic Science Elective - select one course (3-4 credit hours) |
|---|
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 202: Human Anatomy and Physiology II (SG) |
| BME 111: Engineering Perspectives on Biological Systems |
| CHM 113: General Chemistry I (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) |
| GLG 102: Introduction to Geology II (Historical) (SG & H) |
| GLG 110: Dangerous World (SQ & G) |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |

| Global Engineering/Sustainability/Entrepreneurship Track - select one course (3-4 credit hours) |
|---|
| ABS 270: Sustainable Biological Systems |
| ALA 102: Landscapes and Sustainability (HU & G) |
| CEE 181: Technological, Social, and Sustainable Systems (HU) |
| FSE 301: Entrepreneurship and Value Creation |
| PUP 190: Sustainable Cities ((HU or SB) & G) or SOS 111: Sustainable Cities ((HU or SB) & G) |
| SES 106: Habitable Worlds (SQ) |
| SOS 110: Sustainable World (SB) |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 169
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Engineering Management, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
ESEMGBSE

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-ONL: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 24 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSE 100: Introduction to Engineering | 2 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| Basic Science Elective | 3-4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 5-6 | | |

| Term 3 - A 24 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 30 - 36 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Prep for success using the Sophomore Guide. |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 36 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 43 - 49 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| Math or Science Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 49 - 55 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| COM 263: Elements of Intercultural Communication (SB & C & G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 55 - 62 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| Global Engineering/Sustainability/Entrepreneurship Course | 3-4 | | |
| Term hours subtotal: | 7-8 | | |

| Term 6 - A 62 - 68 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IEE 300: Economic Analysis for Engineers | 3 | C | |
| Math or Science Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 68 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IEE 454: Risk Management | 3 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 74 - 80 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IEE 381: Lean Six Sigma Methodology | 3 | C | |

| | | |
|---|---|---|
| ★ IEE 458: Project Management | 3 | C |
| Term hours subtotal: | 6 | |

| Term 7 - B 80 - 86 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IEE 431: Engineering Administration (L) | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| Industry Focus Area Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 86 - 92 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IEE 369: Work Analysis and Design (L) | 3 | C | |
| Upper Division Industry Focus Area Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 92 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Industry Focus Area Elective | 3 | C | |
| ★ IEE 321: Professional Engineering Practice | 1 | C | |
| Term hours subtotal: | 4 | | |

| Term 9 - A 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ IEE 485: Systems Design Capstone I (L) | 3 | C | |
| IEE 477: System Dynamics and Thinking | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Industry Focus Area Elective | 6 | C | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ IEE 486: Systems Design Capstone II (L) | 3 | C | |
| IEE 456: Introduction to Systems Engineering | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

- • Major maps are built based on full-time enrollment, but can be adjusted as necessary for part-time attendance.

- Industry Focus Area: Select a minimum of 15 credit hours from one Industry Focus Area track, and a minimum of six credit hours from the corresponding Math/Science course list.

Hide Course List(s)/Track Group(s)

| Basic Science Elective |
| --- |
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 202: Human Anatomy and Physiology II (SG) |
| CHM 113: General Chemistry I (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) |
| GLG 102: Introduction to Geology II (Historical) (SG & H) |
| GLG 110: Dangerous World (SQ & G) |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |
| PHY 241: University Physics III |

| Industry Focus Area (Software Engineering) |
| --- |
| Required Courses: |
| SER 222: Design and Analysis of Data Structures and Algorithms |
| SER 334: Operating Systems and System Programming |
| Complete 3 classes from the list below: |
| SER 321: Principles of Distributed Software Systems |
| SER 322: Principles of Database Management |
| SER 421: Web-Based Applications |
| SER 422: Web Application Programming |
| SER 423: Mobile Systems |
| Math and Science Elective (Software Engineering Industry) |
| CSE 230: Computer Organization and Assembly Language Programming |
| MAT 243: Discrete Mathematical Structures |

| Global Engineering/Sustainability/Entrepreneurship |
| --- |
| ABS 270: Sustainable Biological Systems |
| FSE 301: Entrepreneurship and Value Creation |
| PUP 190: Sustainable Cities ((HU or SB) & G) |
| SES 106: Habitable Worlds (SQ) |
| SOS 100: Introduction to Sustainability (G) |
| SOS 110: Sustainable World (SB) |
| SOS 111: Sustainable Cities ((HU or SB) & G) |

| Industry Focus Area (Business Analytics) |
| --- |
| Complete 5 classes from the list below: |
| IEE 376: Operations Research Deterministic Techniques/Applications |
| IEE 385: Engineering Statistics: Probability |
| IEE 3** Elective |
| IEE 461: Production Control |
| IEE 474: Quality Control |
| IEE 4** Elective |
| Math or Science Elective (Business Analytics Industry) |
| MAT 275: Modern Differential Equations (MA) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Environmental Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESEVEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSE 100: Introduction to Engineering | 2 | C | • ASU 101 is required of all first-year students; FSE 394 is required for all new transfer students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CEE: The ASU Experience | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 242: Elementary Linear Algebra | 2 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| CEE 181: Technological, Social, and Sustainable Systems (HU) | 3 | | |
| CHM 116: General Chemistry II (SQ) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 275: Modern Differential Equations (MA) | 3 | C | • Prep for success using the Sophomore Guide. |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| EVE 261: Introduction to Environmental Processes | 3 | C | |

| | | |
|---|---|---|
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| **Term 4** 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CHE 211: Introduction to Chemical Processing | 3 | C | |
| EVE 214: Environmental Engineering Mechanics | 3 | C | |
| EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes | 3 | | |
| GLG 101: Introduction to Geology I (Physical) (SQ) OR GLG 108: Water Planet (SQ) OR GLG 110: Dangerous World (SQ & G) | 3-4 | | |
| Term hours subtotal: | 15-16 | | |

| **Term 5** 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EVE 303: Environmental Engineering Fundamentals: Microbiological Processes | 3 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CEE 213: Introduction to Deformable Solids | 3 | C | |
| CEE 300: Engineering Business Practice (L) | 3 | | |
| CEE 384: Numerical Methods for Engineers (CS) | 3 | | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6** 77 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEE 341: Fluid Mechanics for Civil Engineers | 4 | | • Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| CEE 353: Civil Engineering Materials | 4 | | |
| EVE 304: Environmental Engineering Processes Lab | 2 | | |
| EVE 452: Environmental Investigation and Remediation Design | 3 | | |
| Technical Elective | 1 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| **Summer 6** 91 - 92 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EVE 484: Internship | 1 | C | |
| Term hours subtotal: | 1 | | |

| **Term 7** 92 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEE 467: Environmental Microbiology | 3 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| CEE 400: Earth Systems Engineering and Management ((L or HU) & H) | 3 | | |
| CEE 440: Hydrology | 3 | | |
| CEE 462: Unit Operations in Environmental Engineering | 3 | | |

| | | |
|---|---|---|
| Technical Elective | 3 | |
| Term hours subtotal: | 15 | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CEE 486: Integrated Civil Engineering Design (L) | 4 | | |
| CEE 441: Water Resources Engineering | 3 | | |
| ERM 401: Hazardous Waste Management | 3 | | |
| Technical Elective | 3 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Technical Elective |
|---|
| CEE 281: Surveying |
| CEE 351: Geotechnical Engineering |
| CEE 372: Transportation Engineering |
| CEE 466: Urban Water System Design |
| CEE 470: Sustainable Environmental Biotechnologies |
| CEE 481: Civil Engineering Project Management |
| CEE 485: Sustainable Civil and Environmental Systems Engineering |
| CEE 493: Honors Thesis (L) |
| CEE 499: Individualized Instruction |
| CHE 469: Air Quality Engineering |
| CHM 231: Elementary Organic Chemistry (SQ) |
| EVE 484: Internship |
| EVE 494: Special Topics |
| EVE 498: Pro-Seminar |
| EVE 499: Individualized Instruction |
| PUP 301: Introduction to Urban Planning (L) |
| PUP 442: Environmental Planning |
| PUP 465: Sustainable Urbanism |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Environmental and Resource Management, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSETMBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ERM 191: First-Year Seminar | 1 | | • Students wishing to take HSE 230 in Term 3 should complete HSE 101 in Term 2.<br>• Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| BIO 181: General Biology I (SQ) | 4 | C | |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) ( HSE 101 recommended) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ERM 201: Environmental Management | 3 | C | • Prep for success using the Sophomore Guide. |
| CHM 231: Elementary Organic Chemistry (SQ) | 3 | C | |
| STP 226: Elements of Statistics (CS) OR HSE 230: Statistics for Human Systems Research I (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete CHM 113 course(s). | | | |
| Complete MAT 210 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 15 |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ERM 203: Environmental Regulations | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Technical Elective | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete CHM 231 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ERM 407: Occupational Hygiene | 3 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| ERM 432: Sustainable Solid Waste Management | 3 | | |
| ERM Upper Division Elective | 3 | | |
| Technical Elective | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) ( TWC 446 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ERM 302: Water and Wastewater Treatment Technology | 3 | C | • Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| ERM 401: Hazardous Waste Management | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ERM 402: Unit Treatment Technologies | 3 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| ERM Upper Division Elective | 3 | | |
| ERM OR ABS OR SOS Upper Division Elective | 3 | | |
| Technical Elective | 3 | | |
| Elective OR ERM 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ERM 480: Senior Project | 3 | C | |
| ERM 406: Environmental Chemistry | 3 | | |
| ERM 428: International Environmental Management (G) | 3 | | |
| ERM OR ABS OR SOS Upper Division Elective | 3 | | |

| | | |
|---|---|---|
| Technical Elective | 3 | |
| Term hours subtotal: | 15 | |

Hide Course List(s)/Track Group(s)

| Technical Elective(s) |
|---|
| ABS Elective |
| AGB Elective |
| BIO Elective |
| CEE Elective |
| CHM Elective |
| CIS Elective |
| CSE Elective |
| ECN Elective |
| EDT Elective |
| EGR Elective |
| FSE Elective |
| GIS Elective |
| GLG Elective |
| GPH Elective |
| HSE Elective |
| IFT Elective |
| MAT Elective |
| MFG Elective |
| OMT Elective |
| PHY Elective |
| PUP Elective |
| SOS Elective |
| TEM Elective |
| TMC Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Graphic Information Technology, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSGITBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GIT 135: Graphic Communications | 3 | C | |
| GIT 210: Creative Thinking and Design Visualization | 3 | | |
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 230: Digital Illustration in Publishing | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 250: Introduction to Commercial Print | 3 | | • Prep for success using the Sophomore Guide. |
| HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) | 3 | | |
| TMC 110: Understanding the Enterprise | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete GIT 135 AND GIT 210 course(s). | | | |
| Complete MAT 170 course(s). | | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 13 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 215: Introduction to Web Authoring | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Literacy and Critical Inquiry (L) ( HSE 290 recommended) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 315: Digital Video Techniques | 3 | | • A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| GIT 384: Commercial Photography | 3 | | |
| TWC 451: Copyright and Intellectual Property in the Electronic Age | 3 | | |
| Primary Focus Area | 3 | | |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 303: Digital Publishing | 3 | | • A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement.<br>• Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | |
| Primary Focus Area | 3 | | |
| Secondary Focus Area | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 480: Senior Project | 3 | | • A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement.<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions. |
| GIT 450: Digital Workflow in Graphic Industries | 3 | | |
| Upper Division Primary Focus Area | 3 | | |
| Secondary Focus Area | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 413: Professional Portfolio Design and Presentation | 3 | | • A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be |
| GIT 432: Graphic Industry Business Practices | 3 | | |
| Upper Division Primary Focus Area | 3 | | |

| | | |
|---|---|---|
| Upper Division Secondary Focus Area | | 3 |
| GIT Upper Division Elective | | 3 |
| | Term hours subtotal: | 15 |

upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement.

- Complete an in person or virtual practice interview.

- Students in the BS Graphic Information Technology program select a primary focus area consisting of 12 hours of focused courses (minimum six hours of upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

| Front-End Web Design and Development | Digital Design, Print, and Publishing | Motion Graphics/Visual Effects |
|---|---|---|
| GIT 337: Web Content Design | GIT 333: Printing Technology | GIT 211: Introduction to Video Game Art |
| GIT 340: Information Design and Usability | GIT 334: Image Editing and Manipulation | GIT 312: 3-D Computer Graphics Modeling and Representation (CS) |
| GIT 414: Web Site Design and Internet/Web Technologies | GIT 437: Color Reproduction Systems | GIT 334: Image Editing and Manipulation |
| GIT 417: Advanced Web Markup and Scripting | GIT 494: Special Topics | GIT 411: Computer Animation |
| GIT 418: Multimedia Authoring, Scripting and Production | TWC 411: Principles of Visual Communication (L) | GIT 494: Special Topics |
| GIT 435: Website and E-Commerce Strategies | | |
| GIT 494: Special Topics | | |
| **Commercial Photography and Video** | | |
| GIT 295: Introduction to Technical Imaging | | |
| GIT 334: Image Editing and Manipulation | | |
| GIT 415: Advanced Digital Video Techniques | | |
| GIT 490: Advanced Commercial Photography | | |
| GIT 494: Special Topics | | |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location:
CSJMCBA

and

# Graphic Information Technology, BS

Ira A. Fulton Schools of Engineering
TSGITBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 135: Graphic Communications | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| JMC 101: Grammar for Journalists | 1 | Y | |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 210: Creative Thinking and Design Visualization | 3 | | • Create a first draft resume<br>• Select your career interest community and play me3@ASU |
| JMC 201: News Reporting and Writing (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

| | | |
|---|---|---|
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Summer 2 32 - 39 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) | 3 | | • Build your professional connections -- join the ASU Mentor Network |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 3 39 - 55 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 230: Digital Illustration in Publishing | 3 | C | • Develop your professional online presence |
| JMC 305: Multimedia Journalism | 3 | C | |
| JMC 351: Photojournalism I | 3 | C | |
| JMC 366: Journalism Ethics and Diversity | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 55 - 71 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 215: Introduction to Web Authoring | 3 | C | For Focus Area Courses, students must select one of the following focus areas:<br>• Front-End Web Design and Development<br>• Motion Graphics/Visual Effects<br>• Digital Design, Print and Publishing<br>• Commercial Photography and Video<br>All 12 hours of focus area courses must be taken from the same focus area. |
| JMC 301: Intermediate Reporting and Writing (L) | 3 | C | |
| GIT 250: Introduction to Commercial Print | 3 | | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.<br>AND<br>Global Awareness (G) | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 71 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 303: Digital Publishing | 3 | | • Develop your skills |
| GIT 384: Commercial Photography | 3 | | |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| JMC 473: The Business and Future of Journalism | 3 | C | |
| GIT Focus Area Course | 3 | | |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| Term 6 89 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Journalism and Mass Communication Major Elective | 3 | C | • Explore an internship |
| JMC 414: Digital Graphic Design | 3 | C | |
| JMC 402: Mass Communication Law | 3 | C | |
| GIT Focus Area Course | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | • Gather professional references |
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | |
| JMC 484: Internship | 3 | Y | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| GIT Focus Area Course | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 120 - 132 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 432: Graphic Industry Business Practices | 3 | | |
| ★ JMC 477: New Media Innovation and Entrepreneurship Lab | 3 | C | |
| POS 310: American National Government (SB) | 3 | | |
| GIT Focus Area Course | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- For Focus Area Courses, students must select one of the following focus areas:
  - Front-End Web Design and Development
  - Motion Graphics/Visual Effects
  - Digital Design, Print and Publishing
  - Commercial Photography and Video

All 12 hours of focus area courses must be taken from the same focus area.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|---|
| Philosophy Course | U.S. History Course | Journalism & Mass Communication Upper Division Major Elective |
| HON 171: The Human Event (L or HU) | HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H) | JMC 451: Photojournalism II |
| PHI 101: Introduction to Philosophy (HU) | HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) | JMC 455: Digital Media Entrepreneurship |

| | | |
|---|---|---|
| PHI 103: Principles of Sound Reasoning (L or HU) | HST 334: African American History Since 1865 ((HU or SB) & C & H) | JMC 460: Advanced Online Media |
| PHI 105: Intro to Ethics (HU) | HST 337: American Indian History to 1900 ((HU or SB) & C & H) | MCO 425: Digital Media Literacy I |
| PHI 306: Applied Ethics (HU) | HST 338: American Indian History since 1900 ((HU or SB) & C & H) | |
| GIT Focus Area: Front-End Web Design and Development | GIT Focus Area: Motion Graphics/Visual Effects | GIT Focus Area: Digital Design, Print and Publishing |
| GIT 337: Web Content Design | GIT 211: Introduction to Video Game Art | GIT 333: Printing Technology |
| GIT 340: Information Design and Usability | GIT 312: 3-D Computer Graphics Modeling and Representation (CS) | GIT 334: Image Editing and Manipulation |
| GIT 402: New Media Internet Technologies | GIT 411: Computer Animation | GIT 437: Color Reproduction Systems |
| GIT 414: Web Site Design and Internet/Web Technologies | GIT 450: Digital Workflow in Graphic Industries | GIT 450: Digital Workflow in Graphic Industries |
| GIT 417: Advanced Web Markup and Scripting | GIT 494: Special Topics | GIT 494: Special Topics |
| GIT 418: Multimedia Authoring, Scripting and Production | | TWC 411: Principles of Visual Communication (L) |
| GIT 435: Website and E-Commerce Strategies | | |
| GIT 450: Digital Workflow in Graphic Industries | | |
| GIT 494: Special Topics | | |
| GIT Focus Area: Commercial Photography and Video | | |
| GIT 295: Introduction to Technical Imaging | | |
| GIT 315: Digital Video Techniques | | |
| GIT 334: Image Editing and Manipulation | | |
| GIT 415: Advanced Digital Video Techniques | | |
| GIT 450: Digital Workflow in Graphic Industries | | |
| GIT 490: Advanced Commercial Photography | | |
| GIT 494: Special Topics | | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 132
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Graphic Information Technology, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
TSGITBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-ONL: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. |
| GIT 135: Graphic Communications | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here.<br>• Prep for success using the First-Year Student Guide<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| GIT 210: Creative Thinking and Design Visualization | 3 | | |
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 25 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 230: Digital Illustration in Publishing | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 250: Introduction to Commercial Print | 3 | | |
| TMC 110: Understanding the Enterprise | 3 | | |

| | | | |
|---|---|---|---|
| | Term hours subtotal: | 6 | |

| Term 3 - B 38 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) | 3 | | • Prep for success using the Sophomore Guide. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete GIT 135 AND GIT 210 course(s). | | | |
| Complete MAT 170 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 45 - 54 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 215: Introduction to Web Authoring | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 54 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) ( HSE 290 recommended) | 3 | | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 60 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 384: Commercial Photography | 3 | | • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least 3 credit hours must be at the upper-division level) which form a coherent theme. |
| TWC 451: Copyright and Intellectual Property in the Electronic Age | 3 | | |
| Primary Focus Area | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 315: Digital Video Techniques | 3 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 303: Digital Publishing | 3 | | • Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | |
|---|---|
| GIT 314: Multimedia Design, Planning and Storyboards | 3 |
| Primary Focus Area | 3 |
| Secondary Focus Area | 3 |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | |
| Term hours subtotal: | 9 |

- A secondary focus area is a group of courses comprising of 12 or more credit hours (at least 3 credit hours must be at the upper-division level) which form a coherent theme.

| Term 7 - A 90 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 450: Digital Workflow in Graphic Industries | 3 | | |
| Upper Division Primary Focus Area | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 9 | | |

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 480: Senior Project | 3 | | |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | 6 | | |

- A secondary focus area is a group of courses comprising of 12 or more credit hours (at least 3 credit hours must be at the upper-division level) which form a coherent theme.

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| Upper Division Primary Focus Area | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 432: Graphic Industry Business Practices | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| GIT Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

- A secondary focus area is a group of courses comprising of 12 or more credit hours (at least 3 credit hours must be at the upper-division level) which form a coherent theme.

- Students in the BS Graphic Information Technology program select a primary focus area consisting of 12 hours of focused courses (minimum of six upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

| Front-End Web Design and Development | Digital Design, Print, and Publishing | Motion Graphics/Visual Effects |
|---|---|---|
| GIT 337: Web Content Design | GIT 333: Printing Technology | GIT 211: Introduction to Video Game Art |
| GIT 340: Information Design and Usability | GIT 334: Image Editing and Manipulation | GIT 312: 3-D Computer Graphics Modeling and Representation (CS) |
| GIT 414: Web Site Design and Internet/Web Technologies | GIT 437: Color Reproduction Systems | GIT 334: Image Editing and Manipulation |
| GIT 417: Advanced Web Markup and Scripting | GIT 494: Special Topics | GIT 411: Computer Animation |
| | TWC 411: Principles of Visual Communication (L) | GIT 494: Special Topics |

GIT 418: Multimedia Authoring, Scripting and Production

GIT 435: Website and E-Commerce Strategies

GIT 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Graphic Information Technology (Full-Stack Web Development), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
ESGITFSWBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students. LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GIT 135: Graphic Communications | 3 | C | |
| GIT 210: Creative Thinking and Design Visualization | 3 | | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 230: Digital Illustration in Publishing | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GIT 250: Introduction to Commercial Print | 3 | | |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | • Prep for success using the Sophomore Guide. |
| IFT 101: Information Technology Programming Logic | 3 | C | |
| TMC 110: Understanding the Enterprise | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete GIT 135 AND GIT 210 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 215: Introduction to Web Authoring | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| IFT 200: Information Modeling, Storage and Retrieval | 3 | C | |
| Literacy and Critical Inquiry (L) ( HSE 290 recommended) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 337: Web Content Design | 3 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| GIT 303: Digital Publishing | 3 | | |
| GIT 315: Digital Video Techniques | 3 | | |
| GIT 384: Commercial Photography | 3 | | |
| IFT 210: Introduction to Java Technologies | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | • Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop a professional profile online. |
| GIT 414: Web Site Design and Internet/Web Technologies | 3 | | |
| IFT 458: Middleware Programming and Database Security | 3 | C | |
| TWC 451: Copyright and Intellectual Property in the Electronic Age | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 450: Digital Workflow in Graphic Industries | 3 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions. |
| GIT 417: Advanced Web Markup and Scripting | 3 | | |
| GIT 480: Senior Project | 3 | | |
| Upper Division Full-Stack Elective | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 413: Professional Portfolio Design and Presentation | 3 | | • Complete an in person or virtual practice interview. |
| GIT 418: Multimedia Authoring, Scripting and Production | 3 | | |
| GIT 432: Graphic Industry Business Practices | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

Full-Stack Elective

GIT 340: Information Design and Usability

GIT 435: Website and E-Commerce Strategies

IFT 300: Intermediate Database Management Systems

IFT 365: Applied Programming Language for Information Technology

IFT 494: Appl Multi Tier End to End Application Development

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Graphic Information Technology (Full-Stack Web Development), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
ESGITFSWBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GIT 135: Graphic Communications | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 210: Creative Thinking and Design Visualization | 3 | | • View ASU Online first-year student registration information here. |
| MAT 170: Precalculus (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 230: Digital Illustration in Publishing | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 25 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 250: Introduction to Commercial Print | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 32 - 42 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 101: Information Technology Programming Logic | 3 | C | • Prep for success using the Sophomore Guide. |
| TMC 110: Understanding the Enterprise | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |

| | |
|---|---|
| Term hours subtotal: | 10 |

| Term 3 - B 42 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Complete GIT 135 AND GIT 210 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 48 - 54 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 215: Introduction to Web Authoring | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| IFT 200: Information Modeling, Storage and Retrieval | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 54 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) ( HSE 290 recommended) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 63 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 337: Web Content Design | 3 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| GIT 303: Digital Publishing | 3 | | |
| IFT 210: Introduction to Java Technologies | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 72 - 78 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 315: Digital Video Techniques | 3 | | |
| GIT 384: Commercial Photography | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 78 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | • Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop a professional profile online. |
| GIT 414: Web Site Design and Internet/Web Technologies | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 84 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 458: Middleware Programming and Database Security | 3 | C | |
| TWC 451: Copyright and Intellectual Property in the Electronic Age | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 93 - 102 Credit Hours Necessary course signified by | | Minimum | |
|---|---|---|---|

| ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ GIT 450: Digital Workflow in Graphic Industries | 3 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions. |
| GIT 417: Advanced Web Markup and Scripting | 3 | | |
| GIT 480: Senior Project | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 7 - B 102 - 108 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Full-Stack Elective | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 8 - A 108 - 114 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| GIT 418: Multimedia Authoring, Scripting and Production | 3 | | • Complete an in person or virtual practice interview. |
| GIT 432: Graphic Industry Business Practices | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Full-Stack Elective

- GIT 340: Information Design and Usability
- GIT 435: Website and E-Commerce Strategies
- IFT 300: Intermediate Database Management Systems
- IFT 365: Applied Programming Language for Information Technology
- IFT 494: Appl Multi Tier End to End Application Development

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Graphic Information Technology (User Experience), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
ESGITUEBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students. LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GIT 135: Graphic Communications | 3 | C | |
| GIT 210: Creative Thinking and Design Visualization | 3 | | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 230: Digital Illustration in Publishing | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GIT 250: Introduction to Commercial Print | 3 | | |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | • Prep for success using the Sophomore Guide. |
| TMC 110: Understanding the Enterprise | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete GIT 135 AND GIT 210 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 13 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 215: Introduction to Web Authoring | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| HSE 225: Human Systems Integration | 3 | C | |
| HSE 290: Experimental Methods for Human Systems Research (L) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 337: Web Content Design | 3 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| GIT 303: Digital Publishing | 3 | | |
| GIT 315: Digital Video Techniques | 3 | | |
| GIT 384: Commercial Photography | 3 | | |
| TWC 451: Copyright and Intellectual Property in the Electronic Age | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | • Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| GIT 340: Information Design and Usability | 3 | | |
| GIT 414: Web Site Design and Internet/Web Technologies | 3 | | |
| HSE 390: Qualitative Research Methods (L) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 450: Digital Workflow in Graphic Industries | 3 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions. |
| GIT 480: Senior Project | 3 | | |
| HSE 325: Human-Computer Interaction | 3 | C | |
| TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | | |
| GIT Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 413: Professional Portfolio Design and Presentation | 3 | | • Complete an in person or virtual practice interview. |
| GIT 432: Graphic Industry Business Practices | 3 | | |
| TWC 414: Visualizing Data and Information | 3 | | |
| TWC 444: User Experience | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Graphic Information Technology (User Experience), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
ESGITUEBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students. LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GIT 135: Graphic Communications | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 210: Creative Thinking and Design Visualization | 3 | | • View ASU Online first-year student registration information here. |
| MAT 170: Precalculus (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 230: Digital Illustration in Publishing | 3 | | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 25 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 250: Introduction to Commercial Print | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 32 - 42 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 215: Introduction to Web Authoring | 3 | | |

| | | | |
|---|---|---|---|
| TMC 110: Understanding the Enterprise | 3 | | • Prep for success using the Sophomore Guide. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 10 | | |

| Term 3 - B 42 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 48 - 54 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 225: Human Systems Integration | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 54 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 290: Experimental Methods for Human Systems Research (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 337: Web Content Design | 3 | | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| GIT 303: Digital Publishing | 3 | | |
| TWC 451: Copyright and Intellectual Property in the Electronic Age | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 315: Digital Video Techniques | 3 | | |
| GIT 384: Commercial Photography | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | • Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| GIT 340: Information Design and Usability | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 414: Web Site Design and Internet/Web Technologies | 3 | | |
| HSE 390: Qualitative Research Methods (L) | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 450: Digital Workflow in Graphic Industries | 3 | | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions. |
| TWC 414: Visualizing Data and Information | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 325: Human-Computer Interaction | 3 | C | |
| TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 480: Senior Project | 3 | | • Complete an in person or virtual practice interview. |
| GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 432: Graphic Industry Business Practices | 3 | | |
| TWC 444: User Experience | 3 | | |
| GIT Elective | 3 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Human Systems Engineering, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
ESHSEBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 290: Experimental Methods for Human Systems Research (L) | 3 | C | • Prep for success using the Sophomore Guide. |
| HSE 223: Applied Biology of Human Behavior (SB) | 3 | C | |
| HSE 224: Applied Social Science (SB) | 3 | C | |
| Technical Elective | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 225: Human Systems Integration | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR IFT 101: Information Technology Programming Logic | 3 | | |
| Technical Elective | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 324: Applied Cognitive Science (SB) | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| HSE 390: Qualitative Research Methods (L) | 3 | C | |
| HSE Elective | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 323: Perceptual Systems (SB) | 3 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| HSE 325: Human-Computer Interaction | 3 | C | |
| Upper Division HSE Elective | 3 | | |
| Technical Elective | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 430: Statistics for Human Systems Research II (CS) | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| *Complete 2 courses:*<br>Upper Division HSE Elective | 6 | | |
| Upper Division Technical Elective | 3 | | |
| Upper Division Elective OR HSE 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 477: Human Systems Engineering Capstone Experience | 3 | C | |
| *Complete 2 courses:*<br>Upper Division HSE Elective | 6 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- Technical Electives should be chosen from the prefixes below. Three credit hours must be upper-division.

Hide Course List(s)/Track Group(s)

| Technical Electives | HSE Elective |
|---|---|
| AME Elective | HSE 422: Human Factors in Sport |
| AMT Elective | HSE 423: Human Factors in Transportation |
| BIO Elective | HSE 424: Human Automation Interaction |
| BME Elective | HSE 425: Human Factors in Medical Systems |
| BMI Elective | HSE 426: Training and Expertise |
| CAP Elective | HSE 427: Designing for Learning |
| CIS Elective | HSE 428: Judgment and Decision Making |
| CSE Elective | HSE 429: Product Design and Evaluation |
| EEE Elective | HSE 484: Internship |
| EGR Elective | HSE 494: Special Topics |
| GIT Elective | HSE 499: Individualized Instruction |
| HSE Elective | |
| IEE Elective | |
| IFT Elective | |
| MFG Elective | |
| OMT Elective | |
| PSY Elective | |
| SER Elective | |
| TEM Elective | |
| TMC Elective | |
| TWC Elective | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Human Systems Engineering, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
ESHSEBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the Freshman Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 170: Precalculus (MA) | 3 | C | • View ASU Online first-year student registration information here. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 24 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 10 | | |

| Term 2 - B 24 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSE 100: Introduction to Engineering | 2 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 30 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| HSE 290: Experimental Methods for Human Systems Research (L) | 3 | C |
| HSE 223: Applied Biology of Human Behavior (SB) | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 9 | |

- Prep for success using the Sophomore Guide.
- Consult the Resume, Presentation, and Resource Library for tips on how to create a technical resume, job shadow, do informational interviews and mentor with alumni.

| Term 3 - B 39 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 224: Applied Social Science (SB) | 3 | C | |
| Technical Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 225: Human Systems Integration | 3 | C | |
| CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR IFT 101: Information Technology Programming Logic | 3 | | |
| Term hours subtotal: | 6 | | |

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

| Term 4 - B 51 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Technical Elective | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 324: Applied Cognitive Science (SB) | 3 | C | |
| HSE Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

| Term 5 - B 69 - 75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 390: Qualitative Research Methods (L) | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 323: Perceptual Systems (SB) | 3 | C | |
| Upper Division HSE Elective | 3 | | |
| Technical Elective | 3 | | |
| Term hours subtotal: | 9 | | |

- Research and prepare for graduate school .
- Apply for an engineering 4+1 program.
- Develop a professional profile online.

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 325: Human-Computer Interaction | 3 | C | |

| | | |
|---|---|---|
| Upper Division Elective | 3 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 430: Statistics for Human Systems Research II (CS) | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| Upper Division HSE Elective | 3 | | |
| Upper Division Technical Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division HSE Elective | 3 | | |
| Upper Division Elective OR HSE 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 477: Human Systems Engineering Capstone Experience | 3 | C | |
| Upper Division HSE Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division HSE Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Technical electives should be chosen from the prefixes below. Three credit hours must be upper-division.

Hide Course List(s)/Track Group(s)

| Technical Electives | HSE Electives |
|---|---|
| BIO Elective | HSE 422: Human Factors in Sport |
| BMI Elective | HSE 423: Human Factors in Transportation |
| CIS Elective | HSE 424: Human Automation Interaction |
| CSE Elective | HSE 425: Human Factors in Medical Systems |
| EEE Elective | HSE 426: Training and Expertise |
| GIT Elective | HSE 427: Designing for Learning |
| HSE Elective | HSE 428: Judgment and Decision Making |
| IEE Elective | HSE 429: Product Design and Evaluation |
| IFT Elective | HSE 484: Internship |

| | |
|---|---|
| OMT Elective | HSE 494: Special Topics |
| PSY Elective | HSE 499: Individualized Instruction |
| SER Elective | |
| TEM Elective | |
| TMC Elective | |
| TWC Elective | |

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**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
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**Academic Recognition:** 56 minimum
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General Studies Core Requirements:

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- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Human Systems Engineering (User Experience), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
ESHSEUEBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 290: Experimental Methods for Human Systems Research (L) | 3 | C | • Prep for success using the Sophomore Guide. |
| HSE 223: Applied Biology of Human Behavior (SB) | 3 | C | |
| HSE 224: Applied Social Science (SB) | 3 | C | |
| User Experience Concentration Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 225: Human Systems Integration | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR IFT 101: Information Technology Programming Logic | 3 | | |
| User Experience Concentration Course | 3 | C | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 324: Applied Cognitive Science (SB) | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| HSE 390: Qualitative Research Methods (L) | 3 | C | |
| Upper Division HSE Elective | 3 | | |
| User Experience Concentration Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 323: Perceptual Systems (SB) | 3 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| HSE 325: Human-Computer Interaction | 3 | C | |
| *Complete 2 courses:*<br>Upper Division HSE Elective | 6 | | |
| User Experience Concentration Course | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 430: Statistics for Human Systems Research II (CS) | 3 | | • Plan for success using the Senior Guide.<br>• Apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| *Complete 2 courses:*<br>Upper Division User Experience Concentration Course | 6 | C | |
| Upper Division Elective OR HSE 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 477: Human Systems Engineering Capstone Experience | 3 | C | |
| Upper Division User Experience Concentration Course | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- Students must take seven classes from the User Experience Concentration list below, and three classes from the HSE Electives list below.

Hide Course List(s)/Track Group(s)

| User Experience Concentration |
|---|
| GIT 135: Graphic Communications |
| GIT 210: Creative Thinking and Design Visualization |
| GIT 215: Introduction to Web Authoring |
| GIT 230: Digital Illustration in Publishing |
| GIT 337: Web Content Design |
| GIT 340: Information Design and Usability |
| GIT 402: New Media Internet Technologies |
| GIT 414: Web Site Design and Internet/Web Technologies |
| GIT 417: Advanced Web Markup and Scripting |
| GIT 418: Multimedia Authoring, Scripting and Production |
| GIT 494: UI/UX Consulting |
| HSE 427: Designing for Learning |
| HSE 429: Product Design and Evaluation |
| TWC 411: Principles of Visual Communication (L) |
| TWC 414: Visualizing Data and Information |
| TWC 421: Principles of Web Authoring (L) |
| TWC 444: User Experience |

| HSE Elective |
|---|
| HSE 422: Human Factors in Sport |
| HSE 423: Human Factors in Transportation |
| HSE 424: Human Automation Interaction |
| HSE 425: Human Factors in Medical Systems |
| HSE 426: Training and Expertise |
| HSE 427: Designing for Learning |
| HSE 428: Judgment and Decision Making |
| HSE 429: Product Design and Evaluation |
| HSE 484: Internship |
| HSE 494: Special Topics |
| HSE 499: Individualized Instruction |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Human Systems Engineering (User Experience), BS

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
ESHSEUEBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 170: Precalculus (MA) | 3 | C | • View ASU Online first-year student registration information here. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 23 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | | |
| Elective | 1 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 - A 30 - 36 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| HSE 290: Experimental Methods for Human Systems Research (L) | 3 | C | • Prep for success using the Sophomore Guide. |
| HSE 223: Applied Biology of Human Behavior (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 36 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 224: Applied Social Science (SB) | 3 | C | |
| User Experience Concentration Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 9 | | |

| Term 4 - A 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 225: Human Systems Integration | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR IFT 101: Information Technology Programming Logic | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 51 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| User Experience Concentration Course | 3 | C | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 324: Applied Cognitive Science (SB) | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| Upper Division HSE Elective | 3 | | |
| User Experience Concentration Course | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 390: Qualitative Research Methods (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 323: Perceptual Systems (SB) | 3 | C | • Research and prepare for graduate school .<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| Upper Division HSE Elective | 3 | | |
| User Experience Concentration Course | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 325: Human-Computer Interaction | 3 | C | |

| | | |
|---|---|---|
| Upper Division HSE Elective | 3 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 90 - 96 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 430: Statistics for Human Systems Research II (CS) | 3 | | • Plan for success using the Senior Guide.<br>• Apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| Upper Division User Experience Concentration Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division User Experience Concentration Course | 3 | C | |
| Upper Division Elective OR HSE 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 477: Human Systems Engineering Capstone Experience | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division User Experience Concentration Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 9 | | |

- Students must take seven courses from the User Experience Concentration list below, and three courses from the HSE Electives list below.

Hide Course List(s)/Track Group(s)

| User Experience Concentration |
|---|
| GIT 135: Graphic Communications |
| GIT 210: Creative Thinking and Design Visualization |
| GIT 215: Introduction to Web Authoring |
| GIT 230: Digital Illustration in Publishing |
| GIT 337: Web Content Design |
| GIT 340: Information Design and Usability |
| GIT 402: New Media Internet Technologies |

| HSE Elective |
|---|
| HSE 422: Human Factors in Sport |
| HSE 423: Human Factors in Transportation |
| HSE 424: Human Automation Interaction |
| HSE 425: Human Factors in Medical Systems |
| HSE 426: Training and Expertise |
| HSE 427: Designing for Learning |
| HSE 428: Judgment and Decision Making |
| HSE 429: Product Design and Evaluation |

- GIT 414: Web Site Design and Internet/Web Technologies
- GIT 417: Advanced Web Markup and Scripting
- GIT 418: Multimedia Authoring, Scripting and Production
- GIT 494: UI/UX Consulting
- HSE 427: Designing for Learning
- HSE 429: Product Design and Evaluation
- TWC 411: Principles of Visual Communication (L)
- TWC 414: Visualizing Data and Information
- TWC 421: Principles of Web Authoring (L)
- TWC 444: User Experience
- HSE 484: Internship
- HSE 494: Special Topics
- HSE 499: Individualized Instruction

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Industrial Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESIEEBSE

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-IEE: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • Students with credit for CHM 113 must take CHM 116.<br>• Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Prep for success using the Sophomore Guide. |
| IEE 210: Introduction to Industrial Engineering | 3 | C | |

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C |
| MAT 267: Calculus for Engineers III (MA) | 3 | C |
| MSE 250: Structure and Properties of Materials | 3 | |
| Complete MAT 266 OR MAT 271 course(s). | | |
| Complete First-Year Composition requirement. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 46 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| IEE 305: Information Systems Engineering (CS) | 3 | C | |
| Engineering Science Elective | 3-4 | | |
| Term hours subtotal: | 16-17 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IEE 385: Engineering Statistics: Probability | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| IEE 300: Economic Analysis for Engineers | 3 | C | |
| MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | | |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IEE 321: Professional Engineering Practice | 1 | C | • Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| IEE 376: Operations Research Deterministic Techniques/Applications | 4 | C | |
| IEE 369: Work Analysis and Design (L) | 3 | C | |
| IEE 4** Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IEE 485: Systems Design Capstone I (L) | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| IEE 470: Stochastic Operations Research | 3 | C | |
| IEE 474: Quality Control | 3 | C | |
| IEE 475: Simulating Stochastic Systems (CS) | 4 | C | |
| IEE 4** Elective | 3 | C | |

| | | |
|---|---|---|
| Term hours subtotal: | 16 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ IEE 486: Systems Design Capstone II (L) | 3 | C | |
| IEE 461: Production Control | 3 | C | |
| Upper Division IEE Major Elective | 3 | C | |
| IEE 4** Elective | 3 | C | |
| Term hours subtotal: | 12 | | |

- Select a minimum of nine credit hours from one of the following Career Focus Study Areas. Students will need to submit a Career Focus Proposal Form prior to taking classes. Please note that some of these courses may require additional prerequisites. All course options should be discussed with an advisor, as classes have prerequisites and are sequential.
- Visit the CIDSE website for additional information about Career Focus Study Area and Technical Elective courses.

Hide Course List(s)/Track Group(s)

| Engineering Science Elective |
|---|
| CEE 384: Numerical Methods for Engineers (CS) |
| CSE 120: Digital Design Fundamentals |
| CSE 240: Introduction to Programming Languages |
| EEE 202: Circuits I |
| MAE 213: Mechanics of Materials |
| MAE 241: Introduction to Thermodynamics |

| IEE Major Electives |
|---|
| CSE 310: Data Structures and Algorithms |
| CSE 330: Operating Systems |
| CSE 360: Introduction to Software Engineering |
| CSE 494: Data Mining |
| EEE 352: Properties of Electronic Materials |
| EEE 435: Fundamentals of CMOS and MEMS |
| EEE 436: Fundamentals of Solid-State Devices |
| FSE 301: Entrepreneurship and Value Creation |
| IEE 3** Elective |
| IEE 4** Elective |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) or CEE 384: Numerical Methods for Engineers (CS) |
| MAT 300: Mathematical Structures (L) |
| STP 425: Stochastic Processes |
| STP 429: Applied Regression (CS) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Informatics, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESCPIBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CPI 101: Introduction to Informatics (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar (ASU 101-CSE) required of all first-year students.<br>• If ENG 105 is taken, a three (3) credit hour elective must also be taken prior to graduation.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| CSE 110: Principles of Programming (CS) | 3 | C | |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 242: Elementary Linear Algebra | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Lower Division Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 210 OR MAT 251 OR MAT 265 OR MAT 270 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CPI 220: Applied Data Structures and Algorithms | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 243: Discrete Mathematical Structures | 3 | C | |
| IEE 305: Information Systems Engineering (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |

| | | |
|---|---|---|
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 46 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CPI 200: Mathematical Foundations of Informatics (MA) | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| CPI 221: Advanced Object-Oriented Principles Using Java | 3 | C | |
| Informatics Focus Area | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CPI 360: Decision Making and Problem Solving | 3 | C | • Students who plan to pursue the Enterprise Informatics Focus Area will need to take IEE 380 for the CS requirement.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| CPI 310: Web-Based Information Management Systems | 3 | C | |
| CSE 301: Computing Ethics | 1 | C | |
| GIS 270: Statistics for Geography and Planning OR IEE 380: Probability and Statistics for Engineering Problem Solving (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| *Complete 2 courses:*<br>Informatics Focus Area | 6 | C | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CPI 350: Evaluation of Informatics Systems | 3 | C | • Research and prepare for graduate school.<br>• Develop a professional profile online. |
| CSE 463: Introduction to Human Computer Interaction | 3 | C | |
| *Complete 2 courses:*<br>Informatics Focus Area | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 485: Computer Science Capstone Project I (L) | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| *Complete 4 courses:*<br>Upper Division Informatics Elective | 12 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 486: Computer Science Capstone Project II (L) | 3 | C | |

| | | |
|---|---|---|
| *Complete 3 courses:*<br>Upper Division Informatics Elective | 9 | C |
| Term hours subtotal: | 12 | |

- Informatics Focus Area and Informatics Electives: Select a focus area and complete at least 15 hours in that focus area. Select another 21 hours from the courses on these lists to complete the 36-hour requirement. Students will need to take 21 of the 36 total hours as upper-division (300 or 400-level courses). It is recommended that you work with your academic advisor when making course selections. Visit the CIDSE website for additional information about Informatics Electives or Focus Area Required Courses.

Hide Course List(s)/Track Group(s)

| Informatics Focus Area (Data Science) |
|---|
| CSE 450: Design and Analysis of Algorithms |
| CSE 467: Data and Information Security |
| CSE 471: Introduction to Artificial Intelligence |
| CSE 475: Foundations of Machine Learning |
| CSE 476: Introduction to Natural Language Processing |
| DAT 250: Data Science and Society |
| DAT 300: Mathematical Tools for Data Science |
| DAT 301: Exploring Data in R and Python |
| DAT 401: Statistical Modeling and Inference for Data Science |
| DAT 402: Statistical Learning |

| Informatics Focus Area (Digital Culture Studies) |
|---|
| Recommended first course is AME 111. |
| AME 111: Introduction to Digital Culture (CS) |
| AME 112: Computational Thinking for Digital Culture |
| AME 130: Prototyping Dreams (L) |
| AME 220: Programming for the Web |
| AME 230: Programming for the Media Arts (CS) |
| AME 240: Introduction to Physical Computing |
| AME 3** Elective |
| AME 4** Elective |
| ART 116: Introduction to Digital Media |
| ART 206: Digital Photography I |
| ART 217: Introduction to Computer Animation |
| ART 218: 3D Tools |
| ART 308: 2D Digital Animation |
| ART 345: Visualization and Prototyping |
| ART 346: 3-D Computer Imaging and Animation (CS) |
| ART 348: Animation Motion Studies |
| ART 394: 2D Computer Animation for Non-Majors |
| ART 394: Digital Photography for Non-Majors |
| ART 424: Stop Motion Animation |
| ART 440: Experimental Video Art |
| ART 494: Documentary Video Art |
| ART 494: Visual Prototyping |
| CIS 300: Web Design and Development |

| Informatics Focus Area (Enterprise Informatics) |
|---|
| Required courses: |
| IEE 376: Operations Research Deterministic Techniques/Applications |
| IEE 385: Engineering Statistics: Probability |
| IEE 470: Stochastic Operations Research |
| MAT 266: Calculus for Engineers II (MA) |
| Select One: |
| IEE 421: Urban Operations Research |
| IEE 426: Operations Research in Healthcare |
| IEE 461: Production Control |
| IEE 474: Quality Control |
| IEE 475: Simulating Stochastic Systems (CS) |
| IEE 477: System Dynamics and Thinking |
| SCM 300: Global Supply Operations |

| |
|---|
| CPI 111: Game Development I (CS) |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| EDT 440: Creating and Marketing Mobile Apps |
| FMP 225: Introduction to Visual Effects |
| FMP 240: Introduction to Animation for Film |
| FMP 255: Media Authorship (CS) |
| FMP 294: Sound Design: From Hollywood to Independent Film |
| FMP 394: Non-Linear Editing for Film and Media |
| GIT 135: Graphic Communications |
| GIT 215: Introduction to Web Authoring |
| GIT 230: Digital Illustration in Publishing |
| GRA 294: InDesign |
| IAP 103: Foundations I: Interdisciplinary Art Practice |
| IAP 104: Foundations I: Fundamentals of Sound Art |
| MDC 211: Introduction to Digital Sound |
| MDC 311: Composing and Performing for Hybrid Ensembles |

| Informatics Focus Area (Game Informatics) |
|---|
| Required: |
| CPI 111: Game Development I (CS) |
| CPI 211: Game Development II |
| CPI 311: Game Engine Development |
| CPI 321: Fundamentals of Game Art |
| Select one: |
| CPI 394: Game Design Fundamentals |
| CPI 411: Graphics for Games |
| CPI 421: 3-D Modeling and Texturing |
| CPI 462: Design for Learning in Virtual Worlds |
| FMS 394: Video Games and Narrative |
| SER 431: Advanced Graphics |

| Informatics Focus Area (Geo-Informatics) |
|---|
| Required: |
| GIS 205: Geographic Information Science I (CS) |
| GIS 211: Geographic Information Science II (CS) |
| GIS 311: Geographic Information Science III (CS) |
| Select two: |
| ABS 485: GIS in Natural Resources |
| GCU 441: Economic Geography (SB) |
| GCU 442: Geographical Analysis of Transportation (SB) |
| GIS 222: Programming Principles in GIS I |
| GIS 322: Programming Principles in GIS II |
| GIS 341: Cartography and Georepresentation (CS) |
| GIS 461: Fundamentals of Spatial Optimization |

| Additional Informatics Electives |
|---|
| Students may take additional coursework from their selected focus area or any course in another focus area as Informatics Electives in addition to the courses listed below: |
| AME 394: Philosophies of Technology |
| BIO 355: Introduction to Computational Molecular Biology (CS) |
| BIO 411: Quantitative Methods in Conservation and Ecology |
| BMI 102: Introduction to Population Health Informatics |
| BMI 201: Introduction to Clinical Informatics |
| CIS 308: Advanced Excel in Business |
| CIS 365: Business Database Systems Development |
| CPI 394: Special Topics |
| CPI 441: Gaming Capstone |

GIS 462: Location Analysis and Modeling

GIS 470: Advanced Statistics for Geography and Planning (CS)

GIS 471: Spatial Statistics for Geography and Planning

GIS 494: Data Mining and Data-Driven Geography

CPI 460: Intelligent Interactive Instructional Systems

CPI 484: Internship

CPI 494: Special Topics

CSE 220: Programming for Computer Engineering

CSE 240: Introduction to Programming Languages

CSE 259: Logic in Computer Science

CSE 294: Algorithmic Problem Solving

CSE 310: Data Structures and Algorithms

CSE 335: Principles of Mobile Application Development

CSE 360: Introduction to Software Engineering

CSE 365: Information Assurance

CSE 394: Special Topics

CSE 408: Multimedia Information Systems

CSE 412: Database Management

CSE 434: Computer Networks

CSE 445: Distributed Software Development

CSE 446: Software Integration and Engineering

CSE 460: Software Analysis and Design

CSE 464: Software Quality Assurance and Testing

CSE 470: Computer Graphics

CSE 471: Introduction to Artificial Intelligence

CSE 476: Introduction to Natural Language Processing

CSE 477: Introduction to Computer-Aided Geometric Design

CSE 494: Special Topics

FSE 301: Entrepreneurship and Value Creation

GIT 335: Computer Systems Technology

GRA 294: Photoshop

HSE 101: Introduction to Human Systems Engineering (SB)

- IEE 385: Engineering Statistics: Probability
- MAE 318: System Dynamics and Control I
- MAE 417: System Dynamics and Control II
- MAT 267: Calculus for Engineers III (MA)
- MAT 275: Modern Differential Equations (MA)
- MAT 300: Mathematical Structures (L)
- MAT 421: Applied Computational Methods (CS)
- SER 216: Software Enterprise: Personal Process and Quality
- SER 316: Software Enterprise: Construction and Transition
- SER 334: Operating Systems and System Programming
- SOC 334: Technology and Society (L or SB)
- STS 304: Science, Technology and Society (SB)
- TEL 313: Technology in an Educational Setting
- TEL 494: Introduction to Computer Science for Educators
- TWC 414: Visualizing Data and Information
- TWC 444: User Experience

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Information Technology, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSIFTBS

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| IFT 101: Information Technology Programming Logic | 3 | C | |
| IFT 103: Operating System Architecture | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 166: Introduction to Internet Networking | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| IFT 200: Information Modeling, Storage and Retrieval | 3 | C | |
| IFT 210: Introduction to Java Technologies | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 28 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 202: Foundations of Information and Computer System Security | 3 | C | • Prep for success using the Sophomore Guide. |
| IFT 250: Introduction to UNIX Utilities | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| IFT 266: Network Information Communication Technology | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | |
| IFT 220: Managing Configurations and Active Directory | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 301: Web Programming for Human Computer Interface | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| IFT 381: Information System Security | 3 | C | |
| IFT 320: Managing the Cloud | 3 | C | |
| MAT 243: Discrete Mathematical Structures | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 300: Intermediate Database Management Systems | 3 | C | • A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.<br>• Research and prepare for graduate school.<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| IFT 310: Information Systems Project Development | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Primary Focus Area | 6 | C | |
| Secondary Focus Area | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 401: Information Technology Capstone Project I | 3 | C | • A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| IFT 372: Wireless Fundamentals | 3 | C | |
| IFT 383: Shell and Script Programming with UNIX | 3 | C | |
| Primary Focus Area | 3 | C | |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 402: Information Technology Capstone Project II | 3 | | • A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme. |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| Upper Division Primary Focus Area | 3 | C | |
| Upper Division Secondary Focus Area | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

- Students choose one primary focus area (12 credit hours). Students must take primary focus area courses sequentially in order to meet the prerequisites of subsequent upper-division courses.

Hide Course List(s)/Track Group(s)

| Networking Focus Area | Information Systems Focus Area | Security Focus Area |
|---|---|---|
| IFT 366: TCP/IP and Routing | IFT 360: Applications in Artificial Intelligence | IFT 380: Advanced Systems Configuration Management |
| IFT 420: Cloud Architecture for Information Technology | IFT 365: Applied Programming Language for Information Technology | IFT 422: Cloud Security and Operations for Information Technology |
| IFT 460: Managing Intelligent Devices in an Enterprise Environment | IFT 370: Mobile Computing and Applications for Information Technology | IFT 475: Security Analysis |
| IFT 466: Advanced Computer Networks for Information Technology | IFT 380: Advanced Systems Configuration Management | IFT 482: Network Forensics |
| IFT 488: Systems Administration of UNIX | IFT 410: Big Data Tools and Practices | IFT 483: Developing Security Policy |
| IFT 494: Wireless Architecture | IFT 421: Data in the Cloud for Information Technology | IFT 494: Cybersecurity Compliance |
| | IFT 458: Middleware Programming and Database Security | |
| | IFT 460: Managing Intelligent Devices in an Enterprise Environment | |
| | IFT 494: Appl Multi Tier End to End Application Development | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Information Technology, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
TSIFTBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| IFT 101: Information Technology Programming Logic | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 103: Operating System Architecture | 3 | C | • View ASU Online first-year student registration information here. |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 22 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 166: Introduction to Internet Networking | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| IFT 200: Information Modeling, Storage and Retrieval | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 22 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 210: Introduction to Java Technologies | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 28 - 37 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 250: Introduction to UNIX Utilities | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 210: Brief Calculus (MA) | 3 | C | |

| | | | |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 37 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 202: Foundations of Information and Computer System Security | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 44 - 53 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 266: Network Information Communication Technology | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 53 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 220: Managing Configurations and Active Directory | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 301: Web Programming for Human Computer Interface | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| IFT 381: Information System Security | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 320: Managing the Cloud | 3 | C | |
| MAT 243: Discrete Mathematical Structures | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 300: Intermediate Database Management Systems | 3 | C | • Research and prepare for graduate school .<br>• Apply for a Fulton Schools 4+1 program.<br>• Develop a professional profile online. |
| Upper Division Primary Focus Area | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 310: Information Systems Project Development | 3 | C | • A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme. |
| Upper Division Primary Focus Area | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Secondary Focus Area | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 9 |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ IFT 401: Information Technology Capstone Project I | 3 | C | • A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| IFT 372: Wireless Fundamentals | 3 | C | |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 383: Shell and Script Programming with UNIX | 3 | C | |
| Primary Focus Area | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ IFT 402: Information Technology Capstone Project II | 3 | | |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Primary Focus Area | 3 | C | • A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme. |
| Upper Division Secondary Focus Area | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 9 | | |

- • Students choose one primary focus area (12 hours). Students must take primary focus area courses sequentially in order to meet the prerequisites of subsequent upper-division courses.

Hide Course List(s)/Track Group(s)

| Networking Focus Area | Information Systems Focus Area | Security Focus Area |
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| IFT 366: TCP/IP and Routing | IFT 360: Applications in Artificial Intelligence | IFT 380: Advanced Systems Configuration Management |
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| IFT 488: Systems Administration of UNIX | IFT 410: Big Data Tools and Practices | IFT 483: Developing Security Policy |
| IFT 494: Wireless Architecture | | IFT 494: Cybersecurity Compliance |

IFT 421: Data in the Cloud for Information Technology

IFT 458: Middleware Programming and Database Security

IFT 460: Managing Intelligent Devices in an Enterprise Environment

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- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Manufacturing Engineering, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSMEGRBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 102: Foundations of Engineering Design Project II | 3 | | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 201: Use-Inspired Design Project I | 3 | C | • Prep for success using the Sophomore Guide. |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |

| | | |
|---|---|---|
| Complete MAT 266 course(s). | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 202: Use-Inspired Design Project II | 3 | C | • Pursue an undergraduate research experience.<br>• Attend career fairs and events. |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C | |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Complete EGR 216 AND EGR 217 AND EGR 218 AND EGR 219 course(s). | | | |
| Complete MAT 267 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 79 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MFG 308: Manufacturing System Project I | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| MFG 382: Modeling of Manufacturing Systems I | 3 | C | |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| MFG 381: Manufacturing Processes and Validation Lab | 3 | C | |
| MFG 383: Communications in a Production Environment | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 79 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MFG 318: Manufacturing Systems Project II | 3 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online.<br>• Begin looking for internships. |
| MAT 343: Applied Linear Algebra | 3 | | |
| MFG 385: Design for Manufacturing | 3 | | |
| MFG 387: Industrial Automation | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 12 | | |

| Term 7 91 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 401: Professional Design Project I (L) | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| MFG 482: Materials Science in Manufacturing | 3 | | |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| Upper Division Technical Elective | 2 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 402: Professional Design Project II | 3 | | |
| MFG 461: Engineering Economics | 3 | | |
| MFG 480: Advanced Statistical Approaches for Manufacturing | 3 | | |

| | | |
|---|---|---|
| Upper Division Technical Elective | 3 | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 15 | |

Hide Course List(s)/Track Group(s)

| Technical Electives |
|---|
| EGR 370: Welding Survey |
| EGR 380: Advanced Computer Aided Design and Drafting (CADD) and Solid Modeling |
| MFG 472: Additive Manufacturing |
| MFG 485: Engineering Internship |
| MFG 486: CNC Computer Programming |
| MFG 494: Special Topics |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Materials Science and Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESMSEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• FSE 100 is required for first-year students and should be completed in the first semester. Non-first year students: see advisor for petitioning replacement electives.<br>• If students take ENG 105, a 3 credit hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ASU 101-MSE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MSE 250: Structure and Properties of Materials | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete CHM 114 OR CHM 116 course(s). | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • For additional information about Math or Science Electives, please go to: Math or Science Electives.<br>• Prep for success using the Sophomore Guide . |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| MSE 215: Materials Synthesis | 3 | | |
| Math or Science Elective | 3-4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete MSE 250 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16-17 | | |

| **Term 4 48 - 64 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 275: Modern Differential Equations (MA) | 3 | C | • For additional information about Advanced Science Electives options, please go to: Advanced Science Electives.<br>• Pursue an undergraduate research experience .<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAT 343: Applied Linear Algebra | 3 | C | |
| MSE 211: Introduction to Mechanics of Materials | 3 | C | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | | |
| MSE 212: Microstructure and Properties Lab | 1 | C | |
| Advanced Science Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 64 - 80 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MSE 355: Structure and Defects | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| MSE 330: Thermodynamics of Materials | 3 | | |
| MSE 356: Thin Film and Microelectronic Devices Lab | 1 | | |
| MSE 415: Mathematical and Computer Methods in Materials (CS) | 3 | | |
| MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| **Term 6 80 - 93 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MSE 335: Materials Kinetics | 3 | | • For additional information about Materials Elective options, please go to: Materials Elective.<br>• Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| MSE 420: Advanced Metallurgical Alloys and Processes | 3 | | |
| MSE 450: Introduction to Materials Characterization | 3 | | |
| MSE 451: Nanomaterials and Electronics Characterization Lab | 1 | | |
| MSE 458: Electronic, Magnetic, and Optical Properties | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 13 | | |

| **Term 7 93 - 106 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MSE 489: Capstone Design Project I (L) | 1 | | |

| | | |
|---|---|---|
| MSE 440: Mechanical Behavior of Materials | 3 | |
| MSE 482: Materials Engineering Design (L) | 3 | |
| *Complete 2 courses:*<br>Upper Division Materials Elective | 6 | |
| Term hours subtotal: | 13 | |

- For additional information about Materials Elective options, please go to: Materials Elective.
- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| **Term 8 106 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MSE 490: Capstone Design Project II (L) | 2 | | |
| Advanced Science Elective | 3 | | |
| *Complete 2 courses:*<br>Technical Elective | 6 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 14 | | |

- For additional information about Advanced Science Electives and Technical Electives, please go to: Advanced Science Electives and Technical Electives.

- For more information about course options for Math or Science Electives, Materials Electives, Advanced Science Electives, or Technical Electives, please go to: MSE Elective Course Options.

Hide Course List(s)/Track Group(s)

| Math or Science Elective |
|---|
| Advanced Science Elective |
| AST 111: Introduction to Solar Systems Astronomy (SQ) |
| AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) |
| BIO 130: Introduction to Environmental Science (SQ) |
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| BIO 201: Human Anatomy and Physiology I (SG) |
| CHM 113: General Chemistry I (SQ) |
| CHM 231: Elementary Organic Chemistry (SQ) |
| CHM 233: General Organic Chemistry I |
| GLG 101: Introduction to Geology I (Physical) (SQ) |
| MAT 243: Discrete Mathematical Structures |
| PHY 201: Mathematical Methods in Physics I (CS) |

| Advanced Science Elective |
|---|
| ABS 225: Soils (SQ) |
| ABS 350: Applied Statistics (CS) |
| AST 321: Introduction to Planetary and Stellar Astrophysics |
| AST 322: Introduction to Galactic and Extragalactic Astrophysics |
| AST 421: Astrophysics I |
| BCH 341: Physical Chemistry with a Biological Focus |
| BCH 361: Advanced Principles of Biochemistry |
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 320: Fundamentals of Ecology |
| CHM 231: Elementary Organic Chemistry (SQ) |
| CHM 233: General Organic Chemistry I |
| CHM 234: General Organic Chemistry II |
| CHM 302: Environmental Chemistry |
| CHM 325: Analytical Chemistry |

| Materials Elective |
|---|
| Please choose two courses from the following options: |
| BME 318: Biomaterials |
| CHE 468: Polymer Principles and Processing |
| MSE 470: Polymers and Composites |
| MSE 471: Introduction to Ceramics |
| MSE 494: Polymer Synthesis, Characterization, & Processing |

CHM 341: Elementary Physical Chemistry

CHM 345: Physical Chemistry I

CHM 346: Physical Chemistry II

CHM 433: Advanced Organic Chemistry I

ENV 410: Soil Science

GLG 404: Fundamentals of Planetary Geology

GLG 418: Geophysics

PHY 201: Mathematical Methods in Physics I (CS)

PHY 334: Advanced Laboratory I (L)

PHY 361: Introductory Modern Physics

Technical Electives

Advanced Science Elective

CEE 294: AutoCAD Civil 3-D

CEE 353: Civil Engineering Materials

CHE 211: Introduction to Chemical Processing

CIS 310: Business Data Visualization

EEE 202: Circuits I

EEE 241: Fundamentals of Electromagnetics

EEE 352: Properties of Electronic Materials

EEE 435: Fundamentals of CMOS and MEMS

EEE 436: Fundamentals of Solid-State Devices

EEE 460: Nuclear Power Engineering

EEE 465: Photovoltaic Energy Conversion

EGR 219: Computational Modeling of Engineering Systems

FSE 301: Entrepreneurship and Value Creation

FSE 404: EPICS Gold: EPICS in Action

IEE 300: Economic Analysis for Engineers

IEE 369: Work Analysis and Design (L)

IEE 385: Engineering Statistics: Probability

IEE 437: Human Factors Engineering

IEE 474: Quality Control

MAT 300: Mathematical Structures (L)

MEE 322: Structural Mechanics

MEE 342: Principles of Mechanical Design

PUP 442: Environmental Planning

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

By approval only:

MSE 484: Internship

MSE 492: Honors Directed Study

MSE 493: Honors Thesis (L)

MSE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor.

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Mechanical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESMAEMBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ASU 101-MEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 242: Elementary Linear Algebra | 2 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C |
| MAT 267: Calculus for Engineers III (MA) | 3 | C |
| MAT 275: Modern Differential Equations (MA) | 3 | C |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| MAE 214: Computer-Aided Engineering I | 1 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| Complete CHM 114 OR CHM 116 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

- Prep for success using the Sophomore Guide.

| Term 4 46 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAE 213: Mechanics of Materials | 3 | C | |
| MAE 241: Introduction to Thermodynamics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MEE 322: Structural Mechanics | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| MEE 324: Structural Mechanics Laboratory | 1 | C | |
| MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MSE 250: Structure and Properties of Materials | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MEE 342: Principles of Mechanical Design | 3 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| MAE 318: System Dynamics and Control I | 4 | C | |
| MAE 400: Engineering Profession (L) | 3 | C | |
| MEE 323: Computer-Aided Engineering II | 2 | C | |
| MEE 340: Heat Transfer | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MEE 488: Mechanical Engineering Design I | 3 | C | • For additional information about Upper Division Technical Electives, please go to: Upper Division Technical Electives.<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions. |
| MAE 417: System Dynamics and Control II | 3 | C | |
| MEE 491: Experimental Mechanical Engineering (L) | 3 | C | |
| Upper Division Technical Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15 | |

- Complete an in person or virtual practice interview.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MEE 489: Mechanical Engineering Design II | 3 | C | • For additional information about Upper Division Technical Electives, please go to: Upper Division Technical Electives. |
| *Complete 2 courses:* Upper Division Technical Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12 | | |

- For additional information about Upper Division Technical Electives please go to: Upper Division Technical Electives.

Hide Course List(s)/Track Group(s)

| Upper Division Technical Electives |
|---|
| AEE OR MAE OR MEE Upper Division Elective |
| AST 321: Introduction to Planetary and Stellar Astrophysics |
| AST 322: Introduction to Galactic and Extragalactic Astrophysics |
| BME 300: Bioengineering Product Design |
| BME 316: Biomechanics for Biomedical Engineers |
| BME 318: Biomaterials |
| BME 350: Signals and Systems for Bioengineers |
| BME 494: Bioenergy and Microbial Biotechnology |
| CEE 361: Introduction to Environmental Engineering |
| CEE 372: Transportation Engineering |
| CEE 440: Hydrology |
| CEE 494: Energy Efficient Buildings and Systems |
| CEE 494: Sustainable Energy and Material Use |
| CEE 494: Sustainable Energy Technologies |
| CHE 468: Polymer Principles and Processing |
| CHE 473: Fuel Cells and Biofuel Cells |

| Upper Division Technical Electives continued |
|---|
| MAT 300: Mathematical Structures (L) |
| MAT 310: Introduction to Geometry |
| MAT 371: Advanced Calculus I |
| MAT 420: Scientific Computing |
| MAT 421: Applied Computational Methods (CS) |
| MAT 423: Numerical Analysis I (CS) |
| MAT 425: Numerical Analysis II (CS) |
| MAT 451: Mathematical Modeling (CS) |
| MAT 461: Applied Complex Analysis |
| MAT 462: Applied Partial Differential Equations |
| MSE 330: Thermodynamics of Materials |
| MSE 355: Structure and Defects |
| MSE 440: Mechanical Behavior of Materials |
| MSE 450: Introduction to Materials Characterization |
| MSE 466: Electrochemical Energy Storage and Conversion |
| MSE 460: Nanomaterials in Energy Production and Storage |
| MSE 476: Growth and Processing of Semiconductors |
| MSE 494: Bioinspired Materials and Biomaterials |

CHE 478: Biomass Energy Conversion Technology

CHE 494: Nanobiotechnology

CHE 494: Six Sigma Methodology/Engineering Experimentation

CHM 302: Environmental Chemistry

CHM 325: Analytical Chemistry

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 334: Circuits II

EEE 350: Random Signal Analysis

EEE 360: Energy Systems and Power Electronics

EEE 407: Digital Signal Processing

EEE 434: Quantum Mechanics for Engineers

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

EEE 498: Science and Technology of Solar Cell Fabrication

EGR 433: Transforms and Systems Modeling

EGR 455: Robotic Systems I

EGR 456: Robotic Systems II

EGR 494: Engineering in Semiconductors and Microelectronics

EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes

GLG 418: Geophysics

IEE 305: Information Systems Engineering (CS)

IEE 376: Operations Research Deterministic Techniques/Applications

MSE 494: Failure Analysis of Metallic Materials

MSE 494: Intro to FEA for Matl Design and Characterization

MSE 494: Manufacturing Processes for Structural Materials

PHY 310: Classical Particles, Fields, and Matter I

PHY 361: Introductory Modern Physics

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 350: Engineering Systems and Experimental Problem Solving

SES 407: Space Works II: Model, Fabricate and Test

SES 494: Modeling and Analysis of Space Thermal Systems

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 498: Pro-Seminar or MAE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first. A max of 3 credits from MAE 484/498/499 can be applied toward the TE requirements.

Students may only apply ONE (1) course from the list below:

CEE 400: Earth Systems Engineering and Management ((L or HU) & H)

EGR 317: Humanitarian Engineering Project II

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering in Global Context

IEE 300: Economic Analysis for Engineers

IEE 431: Engineering Administration (L)

IEE 437: Human Factors Engineering

MAE 394: Aeronautics in England

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Mechanical Engineering, BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
ESMAEMBSE

| Term 1 - A 0 - 6 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-MEE: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 1 - B 6 - 12 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • View ASU Online first-year student registration information here. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 12 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MAT 242: Elementary Linear Algebra | 2 | C |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C |
| MAE 215: Introduction to Programming in MATLAB | 1 | C |
| Complete CHM 114 OR CHM 116 course(s). | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 7 | |

- Create a Handshake profile.
- Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.

| Term 3 - A 26 - 36 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 10 | | |

- MAE courses listed here are only offered in Session C (15 weeks long).
- Prep for success using the Sophomore Guide.

| Term 3 - B 36 - 40 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| MAE 214: Computer-Aided Engineering I | 1 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 4 | | |

| Term 4 - A 40 - 52 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | |
| MAE 213: Mechanics of Materials | 3 | C | |
| MAE 241: Introduction to Thermodynamics | 3 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- MAE courses listed here are only offered in Session C (15 weeks long).
- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

| Term 4 - B 52 - 56 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 202: Circuits I | 4 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 4 | | |

| Term 5 - A 56 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MEE 322: Structural Mechanics | 3 | C | |
| MEE 324: Structural Mechanics Laboratory | 1 | C | |
| MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |

- MAE, MEE and MSE courses listed here are only offered in Session C (15 weeks long).
- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

| | | | |
|---|---|---|---|
| MSE 250: Structure and Properties of Materials | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 5 - B 69 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 3 | | |

| Term 6 - A 72 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MEE 342: Principles of Mechanical Design | 3 | C | • MAE and MEE courses listed here are only offered in Session C (15 weeks long). |
| MAE 318: System Dynamics and Control I | 4 | C | |
| MAE 400: Engineering Profession (L) | 3 | C | |
| MEE 323: Computer-Aided Engineering II | 2 | C | |
| MEE 340: Heat Transfer | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 - B 87 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 0 | | |

| Term 7 - A 87 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MEE 488: Mechanical Engineering Design I | 3 | C | • MAE and MEE courses listed here are only offered in Session C (15 weeks long). |
| MAE 417: System Dynamics and Control II | 3 | C | |
| MEE 491: Experimental Mechanical Engineering (L) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Technical Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 102 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MEE 489: Mechanical Engineering Design II | 3 | C | • MEE 489 is only offered in Session C (15 weeks long). |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Technical Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 9 | | |

- For additional information about Upper Division Technical Electives please go to: Upper Division Technical Electives.

Hide Course List(s)/Track Group(s)

| Upper Division Technical Electives |
|---|
| AEE OR MAE OR MEE Upper Division Elective |
| AST 321: Introduction to Planetary and Stellar Astrophysics |
| AST 322: Introduction to Galactic and Extragalactic Astrophysics |
| CHM 325: Analytical Chemistry |
| EEE 304: Signals and Systems II |
| EEE 333: Hardware Design Languages and Programmable Logic |
| EEE 334: Circuits II |
| EEE 350: Random Signal Analysis |
| EEE 360: Energy Systems and Power Electronics |
| EEE 407: Digital Signal Processing |
| EEE 434: Quantum Mechanics for Engineers |
| EEE 460: Nuclear Power Engineering |
| EEE 463: Electrical Power Plants |
| EEE 480: Feedback Systems |
| EEE 481: Computer-Controlled Systems |
| EEE 498: Science and Technology of Solar Cell Fabrication |
| EGR 494: Engineering in Semiconductors and Microelectronics |
| IEE 305: Information Systems Engineering (CS) |
| IEE 376: Operations Research Deterministic Techniques/Applications |

| Upper Division Technical Electives continued |
|---|
| MAT 421: Applied Computational Methods (CS) |
| PHY 310: Classical Particles, Fields, and Matter I |
| PHY 361: Introductory Modern Physics |
| SES 350: Engineering Systems and Experimental Problem Solving |
| SES 407: Space Works II: Model, Fabricate and Test |
| By approval only: |
| MAE 492: Honors Directed Study |
| MAE 493: Honors Thesis (L) |
| MAE 499: Individualized Instruction |
| *Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first. |
| Students may only apply ONE (1) course from the list below: |
| FSE 301: Entrepreneurship and Value Creation |
| IEE 300: Economic Analysis for Engineers |
| IEE 431: Engineering Administration (L) |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Mechanical Engineering (Computational Mechanics), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESMAECBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ASU 101-MEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 242: Elementary Linear Algebra | 2 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C |
| MAT 267: Calculus for Engineers III (MA) | 3 | C |
| MAT 275: Modern Differential Equations (MA) | 3 | C |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| MAE 214: Computer-Aided Engineering I | 1 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| Complete CHM 114 OR CHM 116 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

- Prep for success using the Sophomore Guide.

| Term 4 46 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAE 213: Mechanics of Materials | 3 | C | |
| MAE 241: Introduction to Thermodynamics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MEE 322: Structural Mechanics | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| MEE 324: Structural Mechanics Laboratory | 1 | C | |
| CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS) | 3 | C | |
| MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MSE 250: Structure and Properties of Materials | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MEE 342: Principles of Mechanical Design | 3 | C | • Research and prepare for graduate school<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| MAE 318: System Dynamics and Control I | 4 | C | |
| MEE 323: Computer-Aided Engineering II | 2 | C | |
| MEE 340: Heat Transfer | 3 | C | |
| PHI 103: Principles of Sound Reasoning (L or HU) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MEE 488: Mechanical Engineering Design I | 3 | C | • For additional information regarding Upper Division Computational Mechanics Technical Electives, please go to: Upper Division Computational Mechanics Technical Electives.<br>• Plan for success using the Senior Guide. |
| MAE 400: Engineering Profession (L) | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Computational Mechanics Technical Elective | 6 | C | |

| | | |
|---|---|---|
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 15 | |

- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MEE 489: Mechanical Engineering Design II | 3 | C | |
| AEE 471: Computational Fluid Dynamics OR MAE 404: Finite Elements in Engineering OR MAE 460: Applied Computational Fluid Dynamics | 3 | C | |
| MEE 491: Experimental Mechanical Engineering (L) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12 | | |

- For additional information about Upper Division Computational Mechanics Technical Electives, please go to: Upper Division Computational Mechanics Technical Electives.

Hide Course List(s)/Track Group(s)

Computational Mechanics Technical Electives

- AEE 360: Aerodynamics (L)
- AEE 471: Computational Fluid Dynamics
- CSE 205: Object-Oriented Programming and Data Structures (CS)
- IEE 305: Information Systems Engineering (CS)
- IEE 376: Operations Research Deterministic Techniques/Applications
- MAE 404: Finite Elements in Engineering
- MAE 460: Applied Computational Fluid Dynamics
- MAE 501: Linear Algebra in Engineering
- MAE 502: Partial Differential Equations in Engineering
- MAT 420: Scientific Computing
- MAT 421: Applied Computational Methods (CS)
- MAT 423: Numerical Analysis I (CS)
- MAT 425: Numerical Analysis II (CS)
- MAT 451: Mathematical Modeling (CS)
- MAT 461: Applied Complex Analysis

| |
|---|
| MSE 494: Intro to FEA for Matl Design and Characterization |
| By approval only: |
| MAE 484: Internship |
| MAE 492: Honors Directed Study |
| MAE 493: Honors Thesis (L) |
| MAE 498: Pro-Seminar or MAE 499: Individualized Instruction |
| *Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor. A max of 3 credits from MAE 484/498/499 can be applied toward the TE requirements. |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Mechanical Engineering (Energy and Environment), BSE

School/College: Ira A. Fulton Schools of Engineering
Location: Tempe campus
ESMAEEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives.<br>• If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ASU 101-MEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 242: Elementary Linear Algebra | 2 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C |
| MAT 267: Calculus for Engineers III (MA) | 3 | C |
| MAT 275: Modern Differential Equations (MA) | 3 | C |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| MAE 214: Computer-Aided Engineering I | 1 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| Complete CHM 114 OR CHM 116 course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

- Prep for success using the Sophomore Guide.

| Term 4 46 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| MAE 213: Mechanics of Materials | 3 | C | |
| MAE 241: Introduction to Thermodynamics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MEE 322: Structural Mechanics | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| MEE 324: Structural Mechanics Laboratory | 1 | C | |
| CHM 231: Elementary Organic Chemistry (SQ) OR CHM 233: General Organic Chemistry I | 3 | C | |
| MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MSE 250: Structure and Properties of Materials | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAE 318: System Dynamics and Control I | 4 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| MEE 340: Heat Transfer | 3 | C | |
| MAE 400: Engineering Profession (L) | 3 | C | |
| MEE 323: Computer-Aided Engineering II | 2 | C | |
| MEE 342: Principles of Mechanical Design | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MEE 445: Energy Systems Design I | 1 | C | • For additional information about Upper Division Energy and Environment Technical Electives, please see: Upper Division Energy and Environment Technical Electives. |
| MEE 482: Intermediate Thermodynamics | 3 | C | |
| MAE 417: System Dynamics and Control II OR MEE 491: Experimental Mechanical Engineering (L) | 3 | C | |

| | | |
|---|---|---|
| PUP 190: Sustainable Cities ((HU or SB) & G) OR GPH 314: Global Change (HU & G) | 3 | |
| Upper Division Energy and Environment Technical Elective | 3 | C |
| Term hours subtotal: | 13 | |

- Plan for success using the Senior Guide.
- Apply for full-time positions.
- Complete an in person or virtual practice interview.

| **Term 8 106 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** |
|---|---|---|
| ★ MEE 446: Energy Systems Design | 2 | C |
| MAE 417: System Dynamics and Control II OR MEE 491: Experimental Mechanical Engineering (L) | 3 | C |
| SOS 171: The Thread of Energy (SB & G) OR GCU 364: Energy in the Global Arena (SB & G) | 3 | |
| Upper Division Technical Elective | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 14 | |

- For additional information about Upper Division Technical Electives, please go to: Upper Division Technical Electives.

- For additional information about Upper Division Energy and Environment Technical Electives, & Upper Division Technical Electives, please go to: Upper Division Energy and Environment Technical Electives & Upper Division Technical Electives

Hide Course List(s)/Track Group(s)

| Upper Division Energy and Environment Technical Electives |
|---|
| ATE 521: Building Environmental Science |
| ATE 556: Architectural Technology V |
| ATE 560: Building Energy Analysis |
| ATE 582: Environmental Control Systems |
| BIO 320: Fundamentals of Ecology |
| CEE 361: Introduction to Environmental Engineering |
| CEE 440: Hydrology |
| CEE 494: Energy Efficient Buildings and Systems |
| CEE 494: Sustainable Energy and Material Use |
| CEE 494: Sustainable Energy Technologies |
| CHE 473: Fuel Cells and Biofuel Cells |
| CHE 478: Biomass Energy Conversion Technology |
| CHM 302: Environmental Chemistry |
| EEE 360: Energy Systems and Power Electronics |

| Upper Division Technical Electives |
|---|
| AEE OR MAE OR MEE Upper Division Elective |
| AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) |
| AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) |
| BIO 320: Fundamentals of Ecology |
| BME 300: Bioengineering Product Design |
| BME 316: Biomechanics for Biomedical Engineers |
| BME 318: Biomaterials |
| BME 350: Signals and Systems for Bioengineers |
| BME 494: Bioenergy and Microbial Biotechnology , Neural Bases of Motor Control |
| CEE 361: Introduction to Environmental Engineering |
| CEE 372: Transportation Engineering |
| CEE 400: Earth Systems Engineering and Management ((L or HU) & H) |

| Upper Division Technical Electives continued |
|---|
| MAT 300: Mathematical Structures (L) |
| MAT 310: Introduction to Geometry |
| MAT 371: Advanced Calculus I |
| MAT 420: Scientific Computing |
| MAT 421: Applied Computational Methods (CS) |
| MAT 423: Numerical Analysis I (CS) |
| MAT 425: Numerical Analysis II (CS) |
| MAT 451: Mathematical Modeling (CS) |
| MAT 461: Applied Complex Analysis |
| MAT 462: Applied Partial Differential Equations |
| MSE 330: Thermodynamics of Materials |
| MSE 355: Structure and Defects |
| MSE 440: Mechanical Behavior of Materials |
| MSE 450: Introduction to Materials Characterization |
| MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids |

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes

MAE 494: Energy Efficiency

MAE 494: Solar Thermal Engineering

MEE 434: Internal Combustion Engines

MEE 440: Renewable Energy: Mechanical Systems

MEE 441: Wind Energy

MSE 460: Nanomaterials in Energy Production and Storage

MSE 494: Electrochemical Energy Storage and Conversion

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 498: Pro-Seminar or MAE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor. A max of 3 credits from MAE 484/498/499 can be applied toward the TE requirements.

CEE 440: Hydrology

CEE 494: Energy Efficient Buildings and Systems

CEE 494: Sustainable Energy and Material Use

CEE 494: Sustainable Energy Technologies

CHE 468: Polymer Principles and Processing

CHE 473: Fuel Cells and Biofuel Cells

CHE 478: Biomass Energy Conversion Technology

CHE 494: Nanobiotechnology

CHE 494: Six Sigma Methodology/Engineering Experimentation

CHM 302: Environmental Chemistry

CHM 325: Analytical Chemistry

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 334: Circuits II

EEE 350: Random Signal Analysis

EEE 360: Energy Systems and Power Electronics

EEE 407: Digital Signal Processing

EEE 434: Quantum Mechanics for Engineers

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

EEE 498: Foundations Machine Learning: From Theory to Pract

EEE 498: Science and Technology of Solar Cell Fabrication

EGR 317: Humanitarian Engineering Project II

EGR 433: Transforms and Systems Modeling

EGR 455: Robotic Systems I

EGR 456: Robotic Systems II

EGR 494: Engineering in Semiconductors and Microelectronics

MSE 460: Nanomaterials in Energy Production and Storage

MSE 476: Growth and Processing of Semiconductors

MSE 494: Bioinspired Materials and Biomaterials

MSE 494: Electrochemical Energy Storage and Conversion

MSE 494: Failure Analysis of Metallic Materials

MSE 494: Intro to FEA for Matl Design and Characterization

MSE 494: Manufacturing Processes for Structural Materials

PHY 310: Classical Particles, Fields, and Matter I

PHY 361: Introductory Modern Physics

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 350: Engineering Systems and Experimental Problem Solving

SES 407: Space Works II: Model, Fabricate and Test

SES 494: Modeling and Analysis of Space Thermal Systems

SES 494: ASU SpaceWorks Project Level 3-Model, Test, Build

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 498: Pro-Seminar or MAE 499: Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor. A max of 3 credits from MAE 484/498/499 can be applied toward the TE requirements.

| |
|---|
| EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes |
| FSE 301: Entrepreneurship and Value Creation |
| GLG 418: Geophysics |
| FSE 394: Engineering in Global Context |
| IEE 300: Economic Analysis for Engineers |
| IEE 305: Information Systems Engineering (CS) |
| IEE 376: Operations Research Deterministic Techniques/Applications |
| IEE 437: Human Factors Engineering |
| IEE 431: Engineering Administration (L) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Software Engineering, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSSERBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• If ENG 105 is taken, a three credit hour elective course must also be taken prior to graduation<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| EGR 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 243: Discrete Mathematical Structures | 3 | C | • Prep for success using the Sophomore Guide. |
| SER 232: Computer Systems Fundamentals (CS) | 3 | C | |
| CSE 240: Introduction to Programming Languages | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) OR MAT 275: Modern Differential Equations (MA) | 3 | C | |

| | | |
|---|---|---|
| Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 46 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SER 222: Design and Analysis of Data Structures and Algorithms | 3 | C | • Pursue an undergraduate research experience<br>• Apply for internships<br>• Attend career fairs and events |
| CSE 230: Computer Organization and Assembly Language Programming | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| SER 216: Software Enterprise: Personal Process and Quality | 3 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SER 334: Operating Systems and System Programming | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| MAT 343: Applied Linear Algebra | 3 | C | |
| SER 315: Software Enterprise: Design and Process | 3 | C | |
| SER 322: Principles of Database Management | 3 | C | |
| Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SER 316: Software Enterprise: Construction and Transition | 3 | C | • Research and prepare for graduate school.<br>• Apply for an engineering 4+1 program.<br>• Develop a professional profile online. |
| SER 321: Principles of Distributed Software Systems | 3 | C | |
| SER 335: Engineering Secure Software Systems | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SER 401: Computing Capstone Project I | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| SER 415: Software Enterprise: Inception and Elaboration (L) | 3 | C | |
| SER 4** Elective | 3 | C | |
| Technical Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) ( HST 318 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | SER 402: Computing Capstone Project II | 3 | C |
| | SER 416: Software Enterprise: Project and Process Management | 3 | C |
| | *Complete 2 courses:*<br>SER 4** Elective | 6 | C |
| | Term hours subtotal: | 12 | |

Hide Course List(s)/Track Group(s)

| Lab Science Sequence |
|---|
| BIO 181: General Biology I (SQ) AND BIO 182: General Biology II (SG) |
| BIO 201: Human Anatomy and Physiology I (SG) AND BIO 202: Human Anatomy and Physiology II (SG) |
| CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) |
| GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) |
| GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) |
| Note: Students who want to take PHY 121/122 and PHY 131/132 for their Lab Science Sequence will need to select a different lab science course (4 hours) from the list. |

| Technical Elective |
|---|
| CPI Upper Division Elective |
| CSE Upper Division Elective |
| EEE Upper Division Elective |
| IEE Upper Division Elective |
| IFT Upper Division Elective |
| SER Upper Division Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Software Engineering, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
TSSERBS

| Term 1 - A 0 - 6 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-FSE: The ASU Experience | 1 | | • If ENG 105 is taken, a three credit hour elective course must also be taken prior to graduation.<br>• ASU 101 is only required of new first-year students transferring in fewer than 24 hours to ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Term hours subtotal: | 6 | | |

| Term 1 - B 6 - 12 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • View ASU Online first-year student registration information here.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 12 - 18 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 18 - 24 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SER 232: Computer Systems Fundamentals (CS) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 24 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 243: Discrete Mathematical Structures | 3 | C | |
| CSE 230: Computer Organization and Assembly Language Programming | 3 | C | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 3 - B 30 - 36 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 240: Introduction to Programming Languages | 3 | C | • Prep for success using the Sophomore Guide. |
| MAT 267: Calculus for Engineers III (MA) OR MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 36 - 42 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SER 222: Design and Analysis of Data Structures and Algorithms | 3 | C | |
| EGR 104: Critical Inquiry in Engineering (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 42 - 48 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EGR 280: Engineering Statistics (CS) | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| SER 216: Software Enterprise: Personal Process and Quality | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 48 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 343: Applied Linear Algebra | 3 | C | |
| SER 315: Software Enterprise: Design and Process | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 54 - 61 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SER 334: Operating Systems and System Programming | 3 | C | • In addition to PHY 121 and PHY 122, students must complete 8 semester hours (2 courses) of lab science from the following: BIO 181, BIO 182, BIO 201, BIO 202, CHM 113, CHM 116, GLG 101/103, GLG 102/104, GLG 110/111, PHY 131/132.<br>• Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 61 - 67 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SER 321: Principles of Distributed Software Systems | 3 | C | • During the junior year of the program, students should contact an academic advisor to identify course options. |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 67 - 73 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SER 316: Software Enterprise: Construction and Transition | 3 | C | • Research and prepare for graduate school.<br>• Develop a professional profile online. |
| SER 335: Engineering Secure Software Systems | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 7 - A 73 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SER 415: Software Enterprise: Inception and Elaboration (L) | 3 | C | |
| SER 322: Principles of Database Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 79 - 86 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | • During the junior year of the program, students should contact an academic advisor to identify course options/selection.<br>• In addition to PHY 121 and PHY 122, students must complete 8 semester hours (2 courses) of lab science from the following: BIO 181, BIO 182, BIO 201, BIO 202, CHM 113, CHM 116, GLG 101/103, GLG 102/104, GLG 110/111, PHY 131/132.<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| SER 4** Elective | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 8 - A 86 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SER 416: Software Enterprise: Project and Process Management | 3 | C | • In addition to PHY 121 and PHY 122, students must complete 8 semester hours (2 courses) of lab science from the following: BIO 181, BIO 182, BIO 201, BIO 202, CHM 113, CHM 116, GLG 101/103, GLG 102/104, GLG 110/111, PHY 131/132. |
| Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>SER 4** Elective | 6 | C | • During the junior year of the program, students should contact an academic advisor to identify course options/selection. |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SER 401: Computing Capstone Project I | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Technical Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) ( HST 318 recommended) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 9 |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SER 402: Computing Capstone Project II | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

| Lab Science Sequence |
|---|
| BIO 181: General Biology I (SQ) AND BIO 182: General Biology II (SG) |
| BIO 201: Human Anatomy and Physiology I (SG) AND BIO 202: Human Anatomy and Physiology II (SG) |
| CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) |
| GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) |
| GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) |

| Technical Elective |
|---|
| CPI Upper Division Elective |
| CSE Upper Division Elective |
| EEE Upper Division Elective |
| IEE Upper Division Elective |
| IFT Upper Division Elective |
| SER Upper Division Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Technological Entrepreneurship and Management, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Polytechnic campus
TSTEMBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| FSE 181: Technological, Social, and Sustainable Systems (HU) | 3 | C | |
| TMC 110: Understanding the Enterprise | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| TEM 100: Seminar in Entrepreneurship | 1 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| IFT 101: Information Technology Programming Logic OR CSE 110: Principles of Programming (CS) OR CSE 194: Introduction to Computer Science and Programming f | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | • Prep for success using the Sophomore Guide. |
| TEM 230: Creativity and Business Innovation | 3 | C | |
| TEM 200: My Technology Venture | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |

| | | |
|---|---|---|
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| Complete TEM 100 course(s). | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEM 250: Design Methodology | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| TEM OR TMC Elective | 3 | C | |
| *Complete 2 courses:*<br>STEM Elective (Recommended: EGR/GIT/HSE/IFT) | 6 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSE 301: Entrepreneurship and Value Creation OR TEM 482: Startup Workshop | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| TEM 300: Career Management for Entrepreneurs and Innovators | 1 | C | |
| TMC 330: Leading the Enterprise | 3 | C | |
| Upper Division STEM Elective | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEM 431: Innovation Management OR TEM 330: Systems Innovation | 3 | C | • Research and prepare for graduate school.<br>• Develop a professional profile online. |
| TMC 320: Funding the Enterprise | 3 | C | |
| TMC 310: Promotion of the Enterprise | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEM 400: Technology Entrepreneurship | 3 | C | • If you are participating or planning on participating in the Thunderbird 4+1 degree, OMT 440 is required.<br>• Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| TEM 455: Global Impact Entrepreneurship OR OMT 440: International Business (G) | 3 | C | |
| TMC 430: Enterprise Strategy and Innovation | 3 | C | |
| Upper Division STEM Elective | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| OMT 430: Ethical Issues in Technology OR OMT 402: Legal Issues for Technologists | 3 | C |
| TEM 431: Innovation Management OR TEM 330: Systems Innovation | 3 | C |
| TMC 498: Pro-Seminar (L) OR TEM 482: Startup Workshop | 3 | C |
| TEM 311: Opportunity Analysis | 3 | C |
| Term hours subtotal: | 12 | |

- Select 12 credit hours of STEM electives from the provided list of subjects, including six upper-division credits. A list of recommended courses are provided on The Polytechnic School Advising Services website; reach out to your advisor for a full list of recommended courses.

Hide Course List(s)/Track Group(s)

| |
|---|
| STEM Elective |
| AME Elective |
| AMT Elective |
| AST Elective |
| BIO Elective |
| BME Elective |
| BMI Elective |
| CAP Elective |
| CHM Elective |
| CIS Elective |
| CSE Elective |
| EEE Elective |
| EGR Elective |
| ENT Elective |
| FIS Elective |
| FSE Elective |
| GIT Elective |
| GLG Elective |
| HSE Elective |
| IEE Elective |
| IFT Elective |
| IGD Elective |
| IVD Elective |
| MAT Elective |
| MDC Elective |

MFG Elective

MGT Elective

MKT Elective

OGL Elective

OMT Elective

PHY Elective

PSY Elective

PUP Elective

SER Elective

SES Elective

SOS Elective

STP Elective

TEM Elective

TMC Elective

TWC Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Technological Entrepreneurship and Management, BS

School/College: Ira A. Fulton Schools of Engineering
Location: Online, ASU Local@Los Angeles
TSTEMBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.<br>• Prep for success using the First-Year Student Guide.<br>• Join a Fulton community.<br>• Explore engineering and technical professions. |
| TMC 110: Understanding the Enterprise | 3 | C | |
| TEM 100: Seminar in Entrepreneurship | 1 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSE 181: Technological, Social, and Sustainable Systems (HU) | 3 | C | • View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Term hours subtotal: | 8 | | |

| Term 2 - A 15 - 24 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • Create a Handshake profile.<br>• Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 24 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IFT 101: Information Technology Programming Logic OR CSE 110: Principles of Programming (CS) OR CSE 194: Introduction to Computer Science and Programming f | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 7 |

| Term 3 - A 31 - 40 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | • Prep for success using the Sophomore Guide. |
| TEM 230: Creativity and Business Innovation | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEM 200: My Technology Venture | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete TEM 100 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 47 - 56 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEM 250: Design Methodology | 3 | C | • Pursue an undergraduate research experience.<br>• Apply for internships.<br>• Attend career fairs and events. |
| TEM OR TMC Elective | 3 | C | |
| STEM Elective (Recommended: EGR/GIT/HSE/IFT) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 56 - 62 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STEM Elective (Recommended: EGR/GIT/HSE/IFT) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 62 - 71 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FSE 301: Entrepreneurship and Value Creation OR TEM 482: Startup Workshop | 3 | C | • Plan for success using the Junior Guide.<br>• Network at student organization competitions or professional societies. |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 71 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEM 300: Career Management for Entrepreneurs and Innovators | 1 | C | |
| TMC 330: Leading the Enterprise | 3 | C | |
| Upper Division STEM Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 78 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TMC 320: Funding the Enterprise | 3 | C | • Research and prepare for graduate school .<br>• Develop a professional profile online. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 84 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TEM 431: Innovation Management OR TEM 330: Systems Innovation | 3 | C | |
| TMC 310: Promotion of the Enterprise | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 93 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TEM 400: Technology Entrepreneurship | 3 | C | • Plan for success using the Senior Guide.<br>• Use Handshake to apply for full-time positions.<br>• Complete an in person or virtual practice interview. |
| TMC 430: Enterprise Strategy and Innovation | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEM 455: Global Impact Entrepreneurship OR OMT 440: International Business (G) | 3 | C | • If you are participating or planning on participating in the Thunderbird 4+1 degree, OMT 440 is required. |
| Upper Division STEM Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TEM 431: Innovation Management OR TEM 330: Systems Innovation | 3 | C | |
| ★ TMC 498: Pro-Seminar (L) OR TEM 482: Startup Workshop | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OMT 430: Ethical Issues in Technology OR OMT 402: Legal Issues for Technologists | 3 | C | |
| TEM 311: Opportunity Analysis | 3 | C | |
| Term hours subtotal: | 6 | | |

- Select 12 credit hours of STEM electives from the provided list of subjects, including six upper-division credits. A list of recommended courses are provided on The Polytechnic School Advising Services website; reach out to your advisor for a full list of recommended courses.

Hide Course List(s)/Track Group(s)

| |
|---|
| STEM Elective |
| AME Elective |
| AMT Elective |
| AST Elective |

BIO Elective

BME Elective

BMI Elective

CAP Elective

CHM Elective

CIS Elective

CSE Elective

EEE Elective

EGR Elective

ENT Elective

FIS Elective

FSE Elective

GIT Elective

GLG Elective

HSE Elective

IEE Elective

IFT Elective

IGD Elective

IVD Elective

MAT Elective

MDC Elective

MFG Elective

MGT Elective

MKT Elective

OGL Elective

OMT Elective

PHY Elective

PSY Elective

PUP Elective

SER Elective

SES Elective

SOS Elective

STP Elective

TEM Elective

TMC Elective

TWC Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Innovation in Society, BA

School/College: College of Global Futures
Location: Tempe campus
FIFISBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 101: SFIS: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement. Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Join a student club or professional organization. |
| FIS 111: Welcome to the Future | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of secondary education at a school in which the language of instruction is not English;<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Create a first draft resume. |
| Second Language: Requirement satisfied through the following:<br>* Completion of secondary education at a school in which the language of instruction is not English;<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( CIS 105 recommended) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| FIS 201: Innovation in Society (H) | 3 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of secondary education at a school in which the language of instruction is not English;<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country. | 4 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| *Complete 2 courses:*<br>Elective | 5 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

- Secure a part-time job or volunteer experience

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 305: Ways of Knowing (L) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of secondary education at a school in which the language of instruction is not English;<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country. | 4 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

- Use handshake to research employment opportunities
- Explore an internship

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 307: Navigating Futures (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- Reflect on the skills you have and the skills you think you need.

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 308: Politics, Markets and Innovation (SB) | 3 | C | |
| Upper Division Core FIS Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR FIS 484: Internship | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Develop your professional online presence

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | Upper Division Core FIS Elective | 3 | C |
| | Upper Division Related Area Elective | 3 | C |
| | Social-Behavioral Sciences (SB) | 3 | |
| | *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| | Term hours subtotal: | 15 | |

- Gather professional references
- Complete an in person or virtual practice interview

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ FIS 480: Innovation in Society Studio OR FIS 493: Honors Thesis (L) | 3 | C | • FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least 3 credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information. |
| Upper Division Related Area Elective | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Core FIS Electives |
|---|
| FIS 331: Technology and the Modern World |
| FIS 332: Risk and the Future (L) |
| FIS 334: Science, Technology and Inequality (C) |
| FIS 335: Designing Knowledge (SB) |
| FIS 336: Science and Technology Policy |
| FIS 337: Innovation and Global Development (G) |
| FIS 394: The Moviegoers Guide to the Future |
| FIS 403: Governing Emerging Technologies (SB) |

| Upper Division Related Area Electives |
|---|
| ASB 452: Community Partnerships for Global Health (SB) |
| BIO 311: Biology and Society |
| BIO 312: Bioethics (HU) |
| BIO 320: Fundamentals of Ecology |
| BIO 324: Environmental Ethics (HU) |
| CEE 300: Engineering Business Practice (L) |
| COM 312: Communication, Conflict, and Negotiation |
| COM 314: Inner-City Families: The Cycle of Poverty |
| COM 421: Rhetoric of Social Issues (HU) |
| COM 426: Political Communication (SB) |
| ECN 355: Economics of Healthcare |
| ECN 445: Environmental Economics |
| FIS 431: Technology, Security and Insecurity in Global Politics |
| GPH 314: Global Change (HU & G) |
| HPS 314: Philosophy of Science (HU) |
| HPS 322: History of Science I (HU & H) |

HPS 340: Biology and Society

HST 318: History of Engineering ((L or SB) & G)

HST 345: Environmental History (L)

IDS 301: Becoming Interdisciplinary

JUS 303: Justice Theory (L)

JUS 325: Globalization and Socio-Economic Justice (SB & G)

JUS 445: Surveillance and Society

JUS 456: Human Rights and Sustainability ((L or SB) & G)

PAF 300: Public Management and Administration

PAF 311: Leadership and Change (SB)

SOS 315: Energy Policy

SOS 320: Society and Sustainability (L or SB)

SOS 321: Policy and Governance in Sustainable Systems

SOS 322: International Development and Sustainability

SOS 327: Sustainable Food and Farms

SOS 328: Sustainability and Enterprise

TCL 447: Gender, Culture, and Development ((L or SB) & G)

WST 440: Politics of Women's Health (SB & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Innovation in Society, BA

School/College: College of Global Futures
Location: Online, ASU Local@Los Angeles
FIFISBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-ONL: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| FIS 111: Welcome to the Future | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here.<br>• Join a student club or professional organization. |
| MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 23 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of secondary education at a school in which the language of instruction is not English;<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country. | 4 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Create a first draft resume. |
| Computer/Statistics/Quantitative Applications (CS) ( CIS 105 recommended) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of secondary education at a school in which the language of instruction is not English;<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country. | 4 | C | |

| | | |
|---|---|---|
| Elective | 3 | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Term hours subtotal: | 7 | |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 201: Innovation in Society (H) | 3 | C | • Secure a part-time job or volunteer experience. |
| Second Language: Requirement satisfied through the following:<br>* Completion of secondary education at a school in which the language of instruction is not English;<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 37 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of secondary education at a school in which the language of instruction is not English;<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 8 | | |

| Term 4 - A 45 - 54 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 305: Ways of Knowing (L) | 3 | C | • Use Handshake to research employment opportunities.<br>• Explore an internship. |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 54 - 61 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 61 - 67 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 307: Navigating Futures (SB) | 3 | C | • Reflect on the skills you have and the skills you think you need |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 67 - 76 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |

| | | | |
|---|---|---|---|
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 76 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Core FIS Elective | 3 | C | • Develop your professional online presence |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 8 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIS 308: Politics, Markets and Innovation (SB) | 3 | C | |
| Upper Division Elective OR FIS 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Core FIS Elective | 3 | C | • Gather professional references<br>• Complete an in person or virtual practice interview |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIS 480: Innovation in Society Studio | 3 | C | • FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least three credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

| Core FIS Electives |
| --- |
| FIS 334: Science, Technology and Inequality (C) |
| FIS 335: Designing Knowledge (SB) |
| FIS 337: Innovation and Global Development (G) |
| FIS 394: The Moviegoers Guide to the Future |

| Upper Division Related Area Electives |
| --- |
| ASB 452: Community Partnerships for Global Health (SB) |
| BIO 311: Biology and Society |
| BIO 312: Bioethics (HU) |
| BIO 320: Fundamentals of Ecology |
| BIO 324: Environmental Ethics (HU) |
| COM 312: Communication, Conflict, and Negotiation |
| GPH 314: Global Change (HU & G) |
| HPS 314: Philosophy of Science (HU) |
| HPS 322: History of Science I (HU & H) |
| HPS 340: Biology and Society |
| HST 318: History of Engineering ((L or SB) & G) |
| HST 345: Environmental History (L) |
| IDS 301: Becoming Interdisciplinary |
| JUS 303: Justice Theory (L) |
| PAF 300: Public Management and Administration |
| PAF 311: Leadership and Change (SB) |
| SOS 315: Energy Policy |
| SOS 320: Society and Sustainability (L or SB) |
| SOS 321: Policy and Governance in Sustainable Systems |
| SOS 322: International Development and Sustainability |
| SOS 327: Sustainable Food and Farms |
| SOS 328: Sustainability and Enterprise |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Innovation in Society, BS

School/College: College of Global Futures
Location: Tempe campus
FIFISBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 101: SFIS: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Join a student club or professional organization |
| FIS 111: Welcome to the Future | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Create a first draft resume |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 201: Innovation in Society (H) | 3 | C | • Secure a part-time job or volunteer experience |
| *Complete 2 courses:* Technical Elective | 6 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| FIS 305: Ways of Knowing (L) | 3 | C | • Use handshake to research employment opportunities<br>• Explore an internship |
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SBS 304: Social Statistics I (CS) OR SOC 390: Social Statistics I (CS) | 3 | C | |
| Technical Elective | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIS 307: Navigating Futures (SB) | 3 | C | • Reflect on the skills you have and the skills you think you need |
| Upper Division Core FIS Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIS 308: Politics, Markets and Innovation (SB) | 3 | C | • Develop your professional online presence |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR FIS 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Core FIS Elective | 3 | C | • Gather professional references<br>• Complete an in person or virtual practice interview |
| Upper Division Related Area Elective | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIS 480: Innovation in Society Studio OR FIS 493: Honors Thesis (L) | 3 | C | • FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least 3 credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information. |
| Upper Division Related Area Elective | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Core FIS Electives |
| --- |
| FIS 331: Technology and the Modern World |
| FIS 332: Risk and the Future (L) |
| FIS 334: Science, Technology and Inequality (C) |
| FIS 335: Designing Knowledge (SB) |
| FIS 336: Science and Technology Policy |
| FIS 337: Innovation and Global Development (G) |
| FIS 394: The Moviegoers Guide to the Future |
| FIS 403: Governing Emerging Technologies (SB) |

| Technical Elective |
| --- |
| AEE OR AET OR AML OR ASM OR AST OR BIO OR BCH OR BME OR CEE OR CHE OR CNE OR EEE OR EET OR EGR OR FSE OR GLG OR GPH OR IEE OR LSE OR MAE OR MAT OR MBB OR MEE OR MET OR MFG OR MIC OR MSE OR PHS OR PHY OR PLB OR STP Elective |

| Upper Division Related Area Electives |
| --- |
| ASB 452: Community Partnerships for Global Health (SB) |
| BIO 311: Biology and Society |
| BIO 312: Bioethics (HU) |
| BIO 320: Fundamentals of Ecology |
| BIO 324: Environmental Ethics (HU) |
| CEE 300: Engineering Business Practice (L) |
| COM 312: Communication, Conflict, and Negotiation |
| COM 314: Inner-City Families: The Cycle of Poverty |
| COM 421: Rhetoric of Social Issues (HU) |
| COM 426: Political Communication (SB) |
| ECN 355: Economics of Healthcare |
| ECN 445: Environmental Economics |
| FIS 431: Technology, Security and Insecurity in Global Politics |
| GPH 314: Global Change (HU & G) |
| HPS 314: Philosophy of Science (HU) |
| HPS 322: History of Science (HU & H) |
| HPS 340: Biology and Society |
| HST 318: History of Engineering ((L or SB) & G) |
| HST 345: Environmental History (L) |
| IDS 301: Becoming Interdisciplinary |
| JUS 303: Justice Theory (L) |
| JUS 325: Globalization and Socio-Economic Justice (SB & G) |
| JUS 445: Surveillance and Society |
| JUS 456: Human Rights and Sustainability ((L or SB) & G) |
| PAF 300: Public Management and Administration |
| PAF 311: Leadership and Change (SB) |
| SOS 315: Energy Policy |

SOS 320: Society and Sustainability (L or SB)

SOS 321: Policy and Governance in Sustainable Systems

SOS 322: International Development and Sustainability

SOS 327: Sustainable Food and Farms

SOS 328: Sustainability and Enterprise

TCL 447: Gender, Culture, and Development ((L or SB) & G)

WST 440: Politics of Women's Health (SB & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Innovation in Society, BS

School/College: College of Global Futures
Location: Online, ASU Local@Los Angeles
FIFISBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-ONL: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Join a student club or professional organization |
| FIS 111: Welcome to the Future | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 20 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 170: Precalculus (MA) | 3 | C | • Create a first draft resume |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 20 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 201: Innovation in Society (H) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 3 - A 29 - 36 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | • Secure a part-time job or volunteer experience |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 36 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Technical Elective | 6 | C | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 9 | | |

| Term 4 - A 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SOC 390: Social Statistics I (CS) | 3 | C | • Use Handshake to research employment opportunities<br>• Explore an internship |
| Technical Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 51 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 305: Ways of Knowing (L) | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 307: Navigating Futures (SB) | 3 | C | • Reflect on the skills you have and the skills you think you need |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Core FIS Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIS 308: Politics, Markets and Innovation (SB) | 3 | C | • Develop your professional online presence |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR FIS 484: Internship | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Core FIS Elective | 3 | C | • Gather professional references<br>• Complete an in person or virtual practice interview |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FIS 480: Innovation in Society Studio | 3 | C | • FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least three credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information. |
| Upper Division Related Area Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

| Core FIS Electives |
|---|
| FIS 334: Science, Technology and Inequality (C) |
| FIS 335: Designing Knowledge (SB) |
| FIS 337: Innovation and Global Development (G) |
| FIS 394: The Moviegoers Guide to the Future |

| Technical Elective |
|---|
| AEE OR AET OR AML OR ASM OR AST OR BIO OR BCH OR BME OR CEE OR CHE OR CNE OR EEE OR EET OR EGR OR FSE OR GLG OR GPH OR IEE OR LSE OR MAE OR MAT OR MBB OR MEE OR MET OR MFG OR MIC OR MSE OR PHS OR PHY OR PLB OR STP Elective |

| Upper Division Related Area Electives |
|---|
| ASB 452: Community Partnerships for Global Health (SB) |
| BIO 311: Biology and Society |
| BIO 312: Bioethics (HU) |
| BIO 320: Fundamentals of Ecology |
| BIO 324: Environmental Ethics (HU) |
| COM 312: Communication, Conflict, and Negotiation |
| GPH 314: Global Change (HU & G) |
| HPS 314: Philosophy of Science (HU) |
| HPS 322: History of Science I (HU & H) |
| HPS 340: Biology and Society |

HST 318: History of Engineering ((L or SB) & G)

HST 345: Environmental History (L)

IDS 301: Becoming Interdisciplinary

JUS 303: Justice Theory (L)

PAF 300: Public Management and Administration

PAF 311: Leadership and Change (SB)

SOS 315: Energy Policy

SOS 320: Society and Sustainability (L or SB)

SOS 321: Policy and Governance in Sustainable Systems

SOS 322: International Development and Sustainability

SOS 327: Sustainable Food and Farms

SOS 328: Sustainability and Enterprise

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sustainability, BA

School/College: College of Global Futures
Location: Polytechnic campus, Tempe campus
SUSUSTBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | • SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• SOS 201 required of all Sustainability transfer students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. |
| SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| SOS 110: Sustainable World (SB) | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete SOS 110 AND SOS 111 course(s). | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| SOS 220: Systems Thinking | 3 | C | • Create a first draft resume and start attending sustainability career-related workshops and lectures. |
| SOS 232: Professional Skills in Sustainability Practice | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | • See track/group notes below for track requirement details. |
| SOS 231: Careers in Sustainability | 1 | C | |
| SOS 310: Equity, Justice and Sustainability | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Upper Division Track Required Course | 3 | C | |
| Complete SOS 231 AND SOS 232 course(s). | | | |
| Milestone: Select a track. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 6 | C | • See track/group notes below for track requirement details.<br>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.<br>• Meet with the School of Sustainability Career Advisor to review your resume. |
| SOS 311: Future Thinking and Strategies | 3 | C | |
| Related Discipline Elective | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |

| | | |
|---|---|---|
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 6 76 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Track Elective Course | 3 | C | • See track/group notes below for track elective details.<br>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.<br>• Begin exploring internship opportunities and meet with the School of Sustainability Internship and Experiential Education Specialist to discuss your interests. |
| Related Discipline Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 484: Capstone: Internship | 4 | B- | • See track/group notes below for upper division track elective details.<br>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.<br>• Meet with the School of Sustainability career advisor to discuss and refine your career search process. |
| Upper Division Related Discipline Elective | 3 | C | |
| Upper Division Track Elective Course | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 498: Pro-Seminar (L) OR SOS 493: Honors Thesis (L) | 3 | B- | • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| SOS Upper Division Elective | 3 | C | |
| Upper Division Related Discipline Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 1 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

- 
  - BA Students must select one of the following challenge area tracks:
    - Society & Sustainability (SOS 320)
    - Policy and Governance in Sustainable Systems (SOS 321)
    - International Development and Sustainability (SOS 322)
    - Sustainable Urban Dynamics (SOS 323 or SOS 465)

- Students must declare a track by the end of Term 4
- Students must complete the one required course for their chosen track.
- Students must also complete any additional three track courses for a total of 12 credit hours of track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
- Students must complete two track elective courses from their chosen track. At least one track elective course must be upper division.

Example: If the Society and Sustainability Track is chosen, students must complete SOS 320 and any three additional track courses by the end of Term 5.

More information on BA Tracks can be found here.

Hide Course List(s)/Track Group(s)

| International Development and Sustainability Track |
| --- |
| Required Course: |
| SOS 322: International Development and Sustainability |
| Electives: |
| AFR 340: The Making of Modern Africa (SB & G & H) |
| AGB 302: International Management and Agribusiness (G) |
| ALT 412: Village Energy Systems |
| ASB 100: Introduction to Global Health (SB & G) |
| ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) |
| FIS 337: Innovation and Global Development (G) |
| GCU 364: Energy in the Global Arena (SB & G) |
| GPH 314: Global Change (HU & G) |
| JUS 325: Globalization and Socio-Economic Justice (SB & G) or SGS 325: Globalization and Socio-Economic Justice (SB & G) |
| JUS 352: The Global Politics of Human Rights (SB & G) |
| OMT 440: International Business (G) |
| POS 160: Global Politics (SB & G) |
| POS 368: Ethics and Human Rights |
| POS 486: International Political Economy (SB & G) |
| SBS 480: Global Justice (G) |
| SGS 301: Principles of Global Studies (G) |

| Policy and Governance in Sustainable Systems Track |
| --- |
| Required Course: |
| SOS 321: Policy and Governance in Sustainable Systems |
| Electives: |
| AGB 414: Food and Agribusiness Policy Issues (L) |
| ABS 381: Natural Resources Policy |
| ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) |
| BIO 412: Conservation in Practice |
| ECN 441: Public Economics (SB) |
| GCU 361: Urban Geography (SB) |
| GPH 314: Global Change (HU & G) |
| HST 345: Environmental History (L) |
| JUS 332: Politics of Energy Policy and Justice |
| PAF 300: Public Management and Administration |
| PAF 340: Contemporary Policy Challenges |
| PHI 407: Environmental Philosophy and Policy (L or HU) |
| POS 160: Global Politics (SB & G) |
| POS 300: Contemporary Global Controversies (SB & G) |
| POS 346: Problems of Democracy (HU) |
| POS 351: Democratization (SB & G) |
| POS 364: National Security, Intelligence, and Terrorism (SB) |
| POS 368: Ethics and Human Rights |

| Society and Sustainability Track |
| --- |
| Required Course: |
| SOS 320: Society and Sustainability (L or SB) |
| Electives: |
| ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C) |
| ASB 211: Women in Other Cultures ((HU or SB) & G) |
| ASB 311: Principles of Social Anthropology (SB & G & H) |
| ASB 326: Human Impacts on Ancient Environments (SB & H) |
| ASB 344: Technology and Society (L or SB) |
| ASB 370: Ethics of Eating (L or SB) |
| BIO 311: Biology and Society |
| BIO 434: People and Nature: Ecosystem Services |
| ENG 367: Environmental Issues in Literature and Film (L or HU) |
| FIS 111: Welcome to the Future |
| FIS 334: Science, Technology and Inequality (C) |
| GCU 350: The Geography of World Crises (SB & G) |
| GCU 351: Population Geography (SB & G) |
| GCU 357: Social Geography (SB) |
| GCU 441: Economic Geography (SB) |
| GCU 442: Geographical Analysis of Transportation (SB) |
| GPH 210: Society and Environment (G) |

SGS 303: Global Trends (SB & G)

SGS 330: Globalization and the Environment: Problems and Solutions

SGS 340: Violence, Conflict and Human Rights

SOC 333: Population (SB & G)

SOS 447: Gender, Culture, and Development ((L or SB) & G)

STS 330: Information Technology and Globalization (SB & G)

STS 332: Global Issues in Science and Technology (SB)

TEM 431: Innovation Management

TEM 450: Design for the Developing World

TEM 455: Global Impact Entrepreneurship

WST 378: Global Feminist Theory (L & G)

POS 410: Governing American Cities (SB)

PUP 301: Introduction to Urban Planning (L)

PUP 430: Transportation Planning and the Environment

SGS 330: Globalization and the Environment: Problems and Solutions

SOS 371: Inequality and Sustainability

STS 325: Science, Technology, and Public Policy (SB)

TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)

JUS 320: Community and Social Justice (SB & C)

JUS 321: Wealth Distribution and Poverty (SB & C)

JUS 405: Inequality, Economy and Justice ((L or SB) & G)

JUS 430: Social Protest, Conflict, and Change ((L or SB) & C)

JUS 444: Environment and Justice (L & C)

PSY 306: Environmental Psychology (SB)

PSY 350: Social Psychology (SB)

SGS 330: Globalization and the Environment: Problems and Solutions

SOC 270: Racial and Ethnic Relations (SB & C)

SOC 331: Environmental Sociology (SB & G)

SOC 332: The Modern City (G)

SOC 334: Technology and Society (L or SB)

SOC 352: Social Change (SB & G & H)

SOS 309: History and Philosophy of Sustainability or HST 308: History and Philosophy of Sustainability or PHI 322: History and Philosophy of Sustainability

SOS 447: Gender, Culture, and Development ((L or SB) & G)

SOS 467: Art and Ecology

WST 375: Women and Social Change (SB & C)

WST 380: Race, Gender, and Class (SB & C)

WST 457: Women, Cultures, and Societies (SB & G)

Sustainable Urban Dynamics Track

Required Course:

SOS 323: Sustainable Urban Dynamics or SOS 465: Sustainable Urbanism

Electives:

ABS 260: Fundamentals of Sustainable Horticulture (SG)

ABS 364: Urban Forestry

ALA 100: Introduction to Environmental Design (HU & H & G)

ALA 102: Landscapes and Sustainability (HU & G)

APH 300: World Architecture I/Western Cultures (HU & H & G)

ASB 442: Global Cities (SB & G) or SBS 460: Global Cities (SB & G)

CHE 469: Air Quality Engineering

GCU 359: Cities of the World I (SB & G & H)

GCU 361: Urban Geography (SB)

GCU 425: Geography of the Mexican American Borderland ((L or SB) & G)

GCU 442: Geographical Analysis of Transportation (SB)

PAF 220: Introduction to Urban America

PAF 240: Urban Policy (C)

PAF 305: Urban Governance

PAF 351: Urban and Metropolitan Studies

PAF 352: Urban Theory

POS 410: Governing American Cities (SB)

POS 464: Border Cities: Action Research on Globalization (SB & G)

PUP 200: Cities in Cinema (HU & H & G)

PUP 301: Introduction to Urban Planning (L)

PUP 363: History of Planning

PUP 410: Public Participation in Planning

PUP 430: Transportation Planning and the Environment

SOC 331: Environmental Sociology (SB & G)

SOS 315: Energy Policy

SOS 327: Sustainable Food and Farms

SOS 330: Sustaining the Commons (L)

SOS 414: Urban and Environmental Health (SB) or ASM 414: Environmental Health (SB)

SOS 498: Designing a Living Building (L)

STS 325: Science, Technology, and Public Policy (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map
# Supply Chain Management, BS

School/College: W. P. Carey School of Business
Location:
BASCMBS

## and
## Sustainability,
## BA

College of Global Futures
SUSUSTBA

In order to complete this concurrent degree in 4 years, you must take courses during the summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

| **Term 1** 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 191: Introduction to ASU and SOS for Freshmen OR WPC 101: Student Success in Business OR SOS 201: Introduction to ASU and Sustainability | 1 | C | • SOS 201 required of all Sustainability transfer students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam. CLEP and AP credit are also viable options for fulfilling the second language requirement<br>• A score of 4 or 5 on the AP Environmental Science exam fulfills the SOS 110 course requirement |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOS 110: Sustainable World (SB) OR SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 17 | | |

| **Term 2** 17 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • Join a student club or organization<br>• Create your first college resume<br>• Research study abroad opportunities recommended for your major |
| SOS 110: Sustainable World (SB) OR SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |

| | | |
|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Business Skills Courses: No Grades of D or E | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | |
| Term hours subtotal: | 16 | |

| **Summer 2 Session 1 33 - 40 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| **Summer 2 Session 2 40 - 43 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 3 | | |

| **Term 3 43 - 59 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources |
| ECN 221: Business Statistics (CS) | 3 | C | |
| SOS 220: Systems Thinking | 3 | C | |
| SOS 232: Professional Skills in Sustainability Practice | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ECN 211 AND ECN 212. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 59 - 76 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Select one of the following challenge area tracks: Policy and Governance in Sustainable Systems (SOS 321), International Development and Sustainability (SOS 322), or Sustainable Urban Dynamics (SOS 323 OR SOS 465).<br>• Students must complete the course that corresponds with the track they have chosen, as well as SOS 320 and any two |
| SCM 300: Global Supply Operations | 3 | C | |
| *Complete 2 courses:*<br>SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 6 | C | |

| | | | |
|---|---|---|---|
| SOS 231: Careers in Sustainability | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete SOS 220 course(s). | | | |
| Milestone: Select a Sustainability track | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 17 | | |

additional track courses, for a total of 12 credit hours of track courses.
- Students must complete six credit hours of challenge area/track electives related to the track they select.
- Meet with your Career Coaches.

| Summer 4 Session 1 76 - 83 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Summer 4 Session 2 83 - 86 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 3 | | |

| Term 5 86 - 104 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 315: Business Decision Models | 3 | C | |
| ★ SCM 345: Logistics Management | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| SOS 311: Future Thinking and Strategies | 3 | C | |
| SOS 320: Society and Sustainability (L or SB) | 3 | C | |
| Upper Division International Development and Sustainability Track - Required Course OR Upper Division Policy and Governance in Sustainable Systems Track - Required Course OR Upper Division Sustainable Urban Dynamics Track - Required Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 18 | | |

- Attend Career Fairs
- Apply for internships or create one
- Complete informational interviews

| Term 6 104 - 122 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 355: Supply Management (L) | 3 | C | |
| ★ SCM 432: Planning and Control Systems for Supply Chain Management | 3 | C | |
| ★ SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course | 3 | C | |
| ★ International Development and Sustainability Track - Elective OR Policy and Governance in Sustainable Systems Track - Elective OR Sustainable Urban Dynamics Track - Elective | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| SOS 310: Equity, Justice and Sustainability | 3 | C | |

| | | |
|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | |
| Term hours subtotal: | 18 | |

| Term 7 122 - 138 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SCM 479: Supply Chain Strategy (L) | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480. |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 455: Research and Negotiation | 3 | C | |
| SOS 484: Capstone: Internship | 4 | B- | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 138 - 153 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | • Apply for full-time career opportunities |
| SOS 498: Pro-Seminar (L) | 3 | B- | |
| Upper Division International Development and Sustainability Track - Elective OR Upper Division Policy and Governance in Sustainable Systems Track - Elective OR Upper Division Sustainable Urban Dynamics Track - Elective | 3 | C | |
| SOS Upper Division Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) AND Historical Awareness (H) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 15 | | |

- Tracks available for the concurrent degree in Supply Chain Management and the BA in Sustainability:
  - Policy and Governance in Sustainable Systems
  - International Development and Sustainability
  - Sustainable Urban Dynamics

Students may choose any of the upper-division challenge area/track courses, but **must** complete at least the course that corresponds with the track they have chosen (e.g., if the Policy and Governance in Sustainable Systems track is chosen, students should choose SOS 321 and three other challenge area/track courses).

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | International Development and Sustainability Track | Policy and Governance in Sustainable Systems Track |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | Required Course: | Required Course: |
| | SOS 322: International Development and Sustainability | SOS 321: Policy and Governance in Sustainable Systems |

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

Electives:

AFR 340: The Making of Modern Africa (SB & G & H)

ALT 412: Village Energy Systems

ASB 100: Introduction to Global Health (SB & G)

FIS 337: Innovation and Global Development (G)

GCU 364: Energy in the Global Arena (SB & G)

GPH 314: Global Change (HU & G)

JUS 325: Globalization and Socio-Economic Justice (SB & G) or SGS 325: Globalization and Socio-Economic Justice (SB & G)

JUS 352: The Global Politics of Human Rights (SB & G)

POS 160: Global Politics (SB & G)

POS 368: Ethics and Human Rights

POS 486: International Political Economy (SB & G)

SBS 480: Global Justice (G)

SGS 301: Principles of Global Studies (G)

SGS 303: Global Trends (SB & G)

SOC 333: Population (SB & G)

STS 330: Information Technology and Globalization (SB & G)

STS 332: Global Issues in Science and Technology (SB)

TEM 450: Design for the Developing World

TEM 455: Global Impact Entrepreneurship

WST 378: Global Feminist Theory (L & G)

Electives:

AGB 414: Food and Agribusiness Policy Issues (L)

ABS 381: Natural Resources Policy

BIO 412: Conservation in Practice

ECN 441: Public Economics (SB)

GCU 361: Urban Geography (SB)

GPH 314: Global Change (HU & G)

HST 345: Environmental History (L)

JUS 332: Politics of Energy Policy and Justice

PAF 300: Public Management and Administration

PAF 340: Contemporary Policy Challenges

PHI 407: Environmental Philosophy and Policy (L or HU)

POS 160: Global Politics (SB & G)

POS 300: Contemporary Global Controversies (SB & G)

POS 346: Problems of Democracy (HU)

POS 351: Democratization (SB & G)

POS 364: National Security, Intelligence, and Terrorism (SB)

POS 368: Ethics and Human Rights

POS 410: Governing American Cities (SB)

PUP 301: Introduction to Urban Planning (L)

PUP 430: Transportation Planning and the Environment

SOS 371: Inequality and Sustainability

STS 325: Science, Technology, and Public Policy (SB)

TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)

Sustainable Urban Dynamics Track

Required Course:

SOS 323: Sustainable Urban Dynamics or SOS 465: Sustainable Urbanism

Electives:

ABS 260: Fundamentals of Sustainable Horticulture (SG)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

ABS 364: Urban Forestry

APH 300: World Architecture I/Western Cultures (HU & H & G)

ALA 100: Introduction to Environmental Design (HU & H & G)

ALA 102: Landscapes and Sustainability (HU & G)

ASB 442: Global Cities (SB & G) or SBS 460: Global Cities (SB & G)

CHE 469: Air Quality Engineering

GCU 359: Cities of the World I (SB & G & H)

GCU 361: Urban Geography (SB)

GCU 425: Geography of the Mexican American Borderland ((L or SB) & G)

GCU 442: Geographical Analysis of Transportation (SB)

PAF 220: Introduction to Urban America

PAF 240: Urban Policy (C)

PAF 305: Urban Governance

PAF 351: Urban and Metropolitan Studies

PAF 352: Urban Theory

POS 410: Governing American Cities (SB)

POS 464: Border Cities: Action Research on Globalization (SB & G)

PUP 200: Cities in Cinema (HU & H & G)

PUP 301: Introduction to Urban Planning (L)

PUP 363: History of Planning

PUP 410: Public Participation in Planning

PUP 430: Transportation Planning and the Environment

SBS 450: Topics in Local/Global (SB & G)

SOS 414: Urban and Environmental Health (SB) or ASM 414: Environmental Health (SB)

SOS 498: Designing a Living Building (L)

STS 325: Science, Technology, and Public Policy (SB)

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 153
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sustainability, BA

School/College: College of Global Futures
Location: Online, ASU Local@Los Angeles
SUSUSTBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | • SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students<br>• SOS 201 required of all Sustainability transfer students |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | | • View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 23 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 110: Sustainable World (SB) | 3 | C | • Create a first draft resume. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 220: Systems Thinking | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete SOS 110 AND SOS 111 course(s). | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |

| | | |
|---|---|---|
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 7 | |

| Term 3 - A 30 - 37 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 232: Professional Skills in Sustainability Practice | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.<br>• Develop your skills. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 37 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 44 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | • See track/group notes below for Challenge Area/Track requirement details |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 51 - 58 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | • See track/group notes below for Challenge Area/Track requirement details |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Milestone: Select a track. | | | |

| | | |
|---|---|---|
| Minimum 2.50 GPA in BMY, SFS and SOS. | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 7 | |

| Term 5 - A 58 - 65 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 231: Careers in Sustainability | 1 | C | • See track/group notes below for Challenge Area/Track requirement details.<br>• Schedule an appointment with the School of Sustainability Career Advisor to review your resume. |
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 65 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 311: Future Thinking and Strategies | 3 | C | • See track/group notes below for Challenge Area/Track requirement details |
| Upper Division Track Required Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 74 - 80 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 310: Equity, Justice and Sustainability | 3 | C | • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.<br>• Explore internship opportunities and schedule an appointment with the School of Sustainability Assistant Director of Internships and Experiential Education to discuss your interests. |
| Related Discipline Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 80 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Discipline Elective | 3 | C | • See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list.<br>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| Track Elective Course | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 89 - 98 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Discipline Elective | 3 | C | • See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list.<br>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| Upper Division Track Elective Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 98 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 498: Pro-Seminar (L) | 3 | B- | • Schedule an appointment with the School of Sustainability Career Advisor to discuss and refine your career search process. |
| Upper Division Related Discipline Elective | 3 | C | |
| Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 107 - 113 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SOS 484: Capstone: Internship | 4 | B- | • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 113 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 1 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

- BA Students must select one of the following challenge area tracks:
  - Society & Sustainability (SOS 320)
  - Policy and Governance in Sustainable Systems (SOS 321)
  - International Development and Sustainability (SOS 322)
  - Sustainable Urban Dynamics (SOS 323 or SOS 465)
- Students must declare a track by the end of Term 4
- Students must complete the one required track course for their chosen track.

- Students must also complete any additional three track courses for a total of four (12 credit hours) track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
- Students must complete two track elective courses from their chosen track. At least one track elective course must be upper division.

Example: If the Society and Sustainability Track is chosen, students must complete SOS 320 and any three additional track courses by the end of Term 5.

More information on BA Tracks can be found here.

Hide Course List(s)/Track Group(s)

| International Development and Sustainability Track |
| --- |
| Required Course: |
| SOS 322: International Development and Sustainability |
| Electives: |
| AGB 302: International Management and Agribusiness (G) |
| ASB 100: Introduction to Global Health (SB & G) |
| GPH 314: Global Change (HU & G) |
| JUS 352: The Global Politics of Human Rights (SB & G) |
| OMT 440: International Business (G) |
| POS 160: Global Politics (SB & G) |
| POS 368: Ethics and Human Rights |
| POS 486: International Political Economy (SB & G) |
| SGS 301: Principles of Global Studies (G) |
| SGS 303: Global Trends (SB & G) |
| SGS 340: Violence, Conflict and Human Rights |
| STS 330: Information Technology and Globalization (SB & G) |
| STS 332: Global Issues in Science and Technology (SB) |
| TEM 431: Innovation Management |
| TEM 450: Design for the Developing World |
| TEM 455: Global Impact Entrepreneurship |
| WST 378: Global Feminist Theory (L & G) |

| Policy and Governance in Sustainable Systems Track |
| --- |
| Required Course: |
| SOS 321: Policy and Governance in Sustainable Systems |
| Electives: |
| ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) |
| BIO 412: Conservation in Practice |
| GCU 361: Urban Geography (SB) |
| GPH 314: Global Change (HU & G) |
| HST 345: Environmental History (L) |
| PAF 300: Public Management and Administration |
| PAF 340: Contemporary Policy Challenges |
| POS 160: Global Politics (SB & G) |
| POS 300: Contemporary Global Controversies (SB & G) |
| POS 351: Democratization (SB & G) |
| POS 368: Ethics and Human Rights |
| PUP 301: Introduction to Urban Planning (L) |
| PUP 430: Transportation Planning and the Environment |

| Society and Sustainability Track |
| --- |
| Required Course: |
| SOS 320: Society and Sustainability (L or SB) |
| Electives: |
| ASB 370: Ethics of Eating (L or SB) |
| ENG 367: Environmental Issues in Literature and Film (L or HU) |
| GCU 350: The Geography of World Crises (SB & G) |
| GCU 351: Population Geography (SB & G) |
| GCU 442: Geographical Analysis of Transportation (SB) |
| GPH 210: Society and Environment (G) |
| PSY 350: Social Psychology (SB) |
| SOC 270: Racial and Ethnic Relations (SB & C) |
| SOC 332: The Modern City (G) |
| SOC 334: Technology and Society (L or SB) |
| SOC 352: Social Change (SB & G & H) |
| WST 380: Race, Gender, and Class (SB & C) |

| Sustainable Urban Dynamics Track |
| --- |

| |
|---|
| Required Course: |
| SOS 323: Sustainable Urban Dynamics or SOS 465: Sustainable Urbanism |
| Electives: |
| ALA 100: Introduction to Environmental Design (HU & H & G) |
| GCU 361: Urban Geography (SB) |
| GCU 442: Geographical Analysis of Transportation (SB) |
| PUP 200: Cities in Cinema (HU & H & G) |
| PUP 301: Introduction to Urban Planning (L) |
| PUP 363: History of Planning |
| PUP 410: Public Participation in Planning |
| PUP 430: Transportation Planning and the Environment |
| SOS 315: Energy Policy |
| SOS 327: Sustainable Food and Farms |
| SOS 414: Urban and Environmental Health (SB) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.0 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sustainability, BS

School/College: College of Global Futures
Location: Polytechnic campus, Tempe campus
SUSUSTBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | • SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• SOS 201 required of all Sustainability transfer students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. |
| SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of language course(s) at the 102 level. | 4 | C | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.<br>• Join a student club or professional organization. |
| SOS 110: Sustainable World (SB) | 3 | C | |
| SOS 211: Calculus and Probability for the Life and Social Sciences (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of language course(s) at the 102 level. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete SOS 110 AND SOS 111 course(s). | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| ! | SOS 220: Systems Thinking | 3 | C | • Create a first draft resume and start attending sustainability career-related workshops and lectures. |
| | SOS 212: Systems, Dynamics and Sustainability | 3 | C | |
| | SOS 232: Professional Skills in Sustainability Practice | 3 | C | |
| | Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| | Natural Science - Quantitative (SQ) | 4 | | |
| ! | Complete First-Year Composition requirement. | | | |
| ! | Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ! | Minimum 2.50 GPA ASU Cumulative. | | | |
| | Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 16 | | |

| Term 4 46 - 63 Credit Hours Critical course signified by ! | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ! SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | • See track/group notes below for Track requirement details. |
| SOS 231: Careers in Sustainability | 1 | C | |
| SOS 310: Equity, Justice and Sustainability | 3 | C | |
| Upper Division Track Required Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ! Complete SOS 211 AND SOS 212 course(s). | | | |
| ! Complete SOS 231 AND SOS 232 course(s). | | | |
| ! Milestone: Select a track. | | | |
| ! Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ! Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>★ SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 6 | C | • See track/group notes below for Track requirement details.<br>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.<br>• Meet with the School of Sustainability Career Advisor to review your resume. |
| SOS 311: Future Thinking and Strategies | 3 | C | |
| Related Discipline Elective | 3 | C | |
| Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Discipline Elective | 3 | C | • See track/group notes below for Track elective details.<br>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.<br>• Begin exploring internship opportunities and meet with the School of Sustainability Assistant Director of Internships and Experiential Education to discuss your interests. |
| Track Elective Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 484: Capstone: Internship | 4 | B- | • See track/group notes below for Track elective details.<br>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.<br>• Meet with the School of Sustainability Career Advisor to discuss and refine your career search process. |
| Upper Division Related Discipline Elective | 3 | C | |
| Upper Division Track Elective Course | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 498: Pro-Seminar (L) OR SOS 493: Honors Thesis (L) | 3 | B- | • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| SOS Upper Division Elective | 3 | C | |
| Upper Division Related Discipline Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

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  - BS Students must select one of the following challenge area tracks:
    - Energy, Materials, and Technology (SOS 324)
    - Economics of Sustainability (SOS 325)
    - Sustainable Ecosystems (SOS 326)
  - Students must declare a track by the end of Term 4
  - Students must complete the one required track course for their chosen track.
  - Students must also complete any additional three track courses for a total of four (12 credit hours) track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.

- Students must complete two track elective courses from their chosen track. At least one track elective must be upper division.

Example: If the Economics of Sustainability Track is chosen, students must complete SOS 325 and any three additional track courses by the end of Term 5.

More information on BS Tracks can be found here.

Hide Course List(s)/Track Group(s)

| Economics of Sustainability Track |
| --- |
| Required Course: |
| SOS 325: The Economics of Sustainability |
| Electives: |
| ASB 316: Money and Culture (L or SB) |
| ECN 211: Macroeconomic Principles (SB) |
| ECN 212: Microeconomic Principles (SB) |
| ECN 306: Survey of International Economics (SB & G) |
| ECN 312: Intermediate Microeconomic Theory (SB) |
| ECN 313: Intermediate Macroeconomic Theory (SB) |
| ECN 345: Survey of Environmental and Resource Economics |
| ECN 360: Economic Development (SB & G) |
| ECN 413: Advanced Honors Macroeconomics |
| ECN 414: Advanced Honors Microeconomics |
| ECN 425: Introduction to Econometrics |
| ECN 436: International Trade Theory (SB & G) |
| ECN 445: Environmental Economics |
| GCU 441: Economic Geography (SB) |
| JUS 325: Globalization and Socio-Economic Justice (SB & G) |
| POS 486: International Political Economy (SB & G) |
| SGS 330: Globalization and the Environment: Problems and Solutions |
| SOS 371: Inequality and Sustainability |

| Ecosystems Sustainability Track |
| --- |
| Required Course: |
| SOS 326: Sustainable Ecosystems |
| Electives: |
| ABS 364: Urban Forestry |
| ABS 370: Ecology |
| ABS 430: Watershed Management |
| ABS 481: Riparian and Wetland Restoration |
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| BIO 303: Plant Diversity and Evolution (L or SG) |
| BIO 304: Plants and Civilization (L) or PLB 302: Plants and Civilization (L) |
| BIO 308: Plant Physiology |
| BIO 311: Biology and Society |
| BIO 313: The Flora of Arizona |
| BIO 320: Fundamentals of Ecology |
| BIO 322: Conservation of Biodiversity |
| BIO 323: Ecosystem Restoration and Management |
| BIO 325: Oceanography or GLG 325: Oceanography |
| BIO 331: Animal Behavior |
| BIO 370: Vertebrate Zoology |
| BIO 386: General Entomology |
| BIO 410: Techniques in Conservation Biology and Ecology (L) |
| BIO 411: Quantitative Methods in Conservation and Ecology |
| BIO 412: Conservation in Practice |
| BIO 421: Landscape Ecology |
| BIO 423: Population and Community Ecology |

| Sustainable Energy, Materials, and Technology Track |
| --- |
| Required Course: |
| SOS 324: Sustainable Energy Technology and Systems |
| Electives: |
| ALA 100: Introduction to Environmental Design (HU & H & G) |
| ALA 102: Landscapes and Sustainability (HU & G) |
| ALT 435: Applied Photovoltaics |
| APH 313: History of Architecture I ((L or HU) & G & H) |
| CEE 400: Earth Systems Engineering and Management ((L or HU) & H) |
| CHM 107: Chemistry and Society (SQ) |
| CON 101: Construction and Culture: a Built Environment (HU & H) |
| ERM 201: Environmental Management |
| ERM 203: Environmental Regulations |
| ERM 302: Water and Wastewater Treatment Technology |
| ERM 401: Hazardous Waste Management |
| ERM 426: Environmental Issues |
| ERM 428: International Environmental Management (G) |
| GCU 364: Energy in the Global Arena (SB & G) |
| GPH 405: Energy and Environment |
| GPH 412: Physical Meteorology |
| IND 242: Materials and Design |
| SES 141: Energy In Everyday Life (SQ) |
| SOS 171: The Thread of Energy (SB & G) |
| SOS 181: Technological, Social, and Sustainable Systems (HU) |

BIO 434: People and Nature: Ecosystem Services

BIO 471: Ornithology

BIO 472: Mammalogy

BIO 474: Herpetology

CHM 302: Environmental Chemistry

GLG 110: Dangerous World (SQ & G)

GPH 314: Global Change (HU & G)

HST 345: Environmental History (L)

MIC 220: Biology of Microorganisms

PLB 300: Plant Diversity and Evolution (L or SG)

PLB 310: The Flora of Arizona

SOS 372: Earth Science in Arizona and the Southwest

SOS 374: Earth's Critical Zone

SOS 375: Humans and the Environment: What's the Connection? ((L or SB) & G)

SOS 414: Urban and Environmental Health (SB)

SOS 429: Human Impacts on Ecosystem Functioning

SOS 433: Sustainable Water Use

SOS 476: Earth's Past Climates: The Key to our Sustainable Future

SOS 315: Energy Policy

SOS 435: U.S. Energy: Pathways to Sustainability

SOS 494: Renewable Energy

HST 302: Energy Transitions and Sustainability

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sustainability, BS

School/College: College of Global Futures
Location: Online, ASU Local@Los Angeles
SUSUSTBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | • SOS 191 or college-specific equivalent First-Year Seminar is required of all first-year students<br>• SOS 201 required of all Sustainability transfer students |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | • View ASU Online First Time First-Year Student Registration Information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 22 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 110: Sustainable World (SB) | 3 | C | • Create a first draft resume. |
| SOS 211: Calculus and Probability for the Life and Social Sciences (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 212: Systems, Dynamics and Sustainability | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete SOS 110 AND SOS 111 course(s). | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 7 | |

| Term 3 - A 29 - 36 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 220: Systems Thinking | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.<br>• Develop your skills. |
| Second Language: Requirement satisfied through the following:<br>* Completion of language course(s) at the 102 level. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 36 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 232: Professional Skills in Sustainability Practice | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of language course(s) at the 102 level. | 4 | C | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Complete SOS 211 AND SOS 212 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 43 - 50 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | • See track/group notes below for Challenge Area/Track requirement details |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 50 - 57 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 231: Careers in Sustainability | 1 | C | • See track/group notes below for Challenge Area/Track requirement details |
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Milestone: Select a track. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 57 - 66 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | • See track/group notes below for Challenge Area/Track requirement details<br>• Schedule an appointment with the School of Sustainability Career Advisor to review your resume. |
| Upper Division Track Required Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 310: Equity, Justice and Sustainability | 3 | C | • See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list. |
| Track Elective Course | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 75 - 84 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 311: Future Thinking and Strategies | 3 | C | • See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list.<br>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| Upper Division Track Elective Course | 3 | C | |
| Related Discipline Elective | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Discipline Elective | 3 | C | • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.<br>• Explore internship opportunities and schedule an appointment with the School of Sustainability Assistant Director of Internships and Experiential Education to discuss your interests. |
| Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Discipline Elective | 3 | C | • All students must complete 12 hours of approved Related Discipline courses. A |

| | | |
|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 9 | |

Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 498: Pro-Seminar (L) | 3 | B- | |
| Upper Division Related Discipline Elective | 3 | C | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

- All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.
- Schedule an appointment with the School of Sustainability Career Advisor to discuss and refine your career search process.

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SOS 484: Capstone: Internship | 4 | B- | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

- BS Students must select one of the following challenge area tracks:
  - Energy, Materials, and Technology (SOS 324)
  - Economics of Sustainability (SOS 325)
  - Sustainable Ecosystems (SOS 326)
- Students must declare a track by the end of Term 4
- Students must complete the one required track course for their chosen track.
- Students must also complete any additional three track courses for a total of four (12 credit hours) track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
- Students must complete two track elective courses from their chosen track. At least one track elective must be upper division.

Example: If the Economics of Sustainability Track is chosen, students must complete SOS 325 and any three additional track courses by the end of Term 5.

More information on BS Tracks can be found here.

Hide Course List(s)/Track Group(s)

| Economics of Sustainability Track | Ecosystems Sustainability Track |
|---|---|

| | | |
|---|---|---|
| Required Course: | Required Course: | Sustainable Energy, Materials, and Technology Track |
| SOS 325: The Economics of Sustainability | SOS 326: Sustainable Ecosystems | Required Course: |
| Electives: | Electives: | SOS 324: Sustainable Energy Technology and Systems |
| ASB 316: Money and Culture (L or SB) | BIO 181: General Biology I (SQ) | Electives: |
| ECN 211: Macroeconomic Principles (SB) | BIO 182: General Biology II (SG) | ALA 100: Introduction to Environmental Design (HU & H & G) |
| ECN 212: Microeconomic Principles (SB) | BIO 304: Plants and Civilization (L) | CHM 107: Chemistry and Society (SQ) |
| ECN 306: Survey of International Economics (SB & G) | BIO 320: Fundamentals of Ecology | HST 302: Energy Transitions and Sustainability |
| ECN 312: Intermediate Microeconomic Theory (SB) | BIO 331: Animal Behavior | SES 141: Energy In Everyday Life (SQ) |
| ECN 313: Intermediate Macroeconomic Theory (SB) | BIO 370: Vertebrate Zoology | SOS 171: The Thread of Energy (SB & G) |
| ECN 360: Economic Development (SB & G) | BIO 412: Conservation in Practice | SOS 315: Energy Policy |
| ECN 436: International Trade Theory (SB & G) | GLG 110: Dangerous World (SQ & G) | SOS 494: Renewable Energy |
| POS 486: International Political Economy (SB & G) | GPH 314: Global Change (HU & G) | |
| | HST 345: Environmental History (L) | |
| | MIC 220: Biology of Microorganisms | |
| | SOS 414: Urban and Environmental Health (SB) | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.0 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sustainable Food Systems, BS

School/College: College of Global Futures
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus
SUSFOSYSBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | • SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• SOS 201 required of all Sustainability transfer students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. |
| SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of language course(s) at the 102 level. | 4 | C | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.<br>• Join a student club or professional organization. |
| SOS 110: Sustainable World (SB) | 3 | C | |
| SOS 211: Calculus and Probability for the Life and Social Sciences (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of language course(s) at the 102 level. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete SOS 110 AND SOS 111 course(s). | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| SOS 220: Systems Thinking | 3 | C | • Create a first draft resume.<br>• Start attending sustainability career-related workshops and lectures. |
| CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) | 4 | | |
| SFS 215: Fundamentals of U.S. Food and Agriculture | 3 | C | |
| SOS 212: Systems, Dynamics and Sustainability | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 46 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| NTR 241: Human Nutrition | 3 | C | • Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area. |
| SFS 216: Subsectors of U.S. Food and Agriculture | 3 | C | |
| SOS 182: Water Planet (SQ) | 4 | C | |
| SOS 231: Careers in Sustainability | 1 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete SFS 215 AND SFS 216 course(s). | | | |
| Complete SOS 211 AND SOS 212 course(s). | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SOS 310: Equity, Justice and Sustainability | 3 | C | • Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.<br>• Meet with the School of Sustainability Career Advisor to review your resume. |
| SOS 311: Future Thinking and Strategies | 3 | C | |
| SOS 326: Sustainable Ecosystems | 3 | C | |
| SOS 327: Sustainable Food and Farms | 3 | C | |
| Skills Elective | 3 | C | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Focus Area Course | 3 | C | • Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.<br>• Begin exploring internship opportunities and meet with the School of Sustainability |
| Focus Area Course | 3 | C | |
| Skills Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | | | |
|---|---|---|---|
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | Assistant Director of Internships and Experiential Education to discuss your interests. |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| | Term hours subtotal: | 15 | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SFS 484: Internship | 4 | B- | • Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.<br>• Meet with the School of Sustainability Career Advisor to discuss and refine your career search process. |
| Upper Division Focus Area Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 5 | | |
| Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SFS 498: Pro-Seminar (L) | 3 | B- | • Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area. |
| Upper Division Focus Area Course | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- 
  - Students must select one of the following focus areas:
    - Procurement
    - Ecosystem Science
    - Business & Innovation
    - Educational Leadership
    - Global Engagement
    - Policy & Governance
    - Public Health & Nutrition
  - Students must declare a focus area by the end of Term 4.

Hide Course List(s)/Track Group(s)

| Skills Electives | Procurement | Ecosystem Science |
|---|---|---|
| AME 130: Prototyping Dreams (L) | AGB 250: Economics of Resource Allocation: Food and Agriculture | ABS 207: Applied Plant Taxonomy |
| CIS 105: Computer Applications and Information Technology (CS) | AGB 425: Food Supply Networks | ABS 260: Fundamentals of Sustainable Horticulture (SG) |
| CIS 300: Web Design and Development | AGB 435: Commodity Futures and Options Markets | ABS 270: Sustainable Biological Systems |
| COM 225: Public Speaking (L) | AGB 445: Food Retailing | ABS 314: Applied Plant Physiology |
| COM 459: Theory and Methods of Social Media Networks | AGB 456: Food Product Innovation and Development | ABS 318: Unseen Life on Earth |
| ECN 211: Macroeconomic Principles (SB) | | ABS 368: Plant Propagation |
| | | ABS 370: Ecology |

ECN 212: Microeconomic Principles (SB)

ENG 216: Persuasive Writing on Public Issues (L)

FIS 305: Ways of Knowing (L)

GIS 205: Geographic Information Science I (CS)

GIS 211: Geographic Information Science II (CS)

MGT 430: Negotiations

NLM 300: Fund Raising and Resource Development

OGL 240: Introduction to Project Management

SOS 232: Professional Skills in Sustainability Practice

SST 220: Introduction to Social Transformation

AGB 481: Strategic Pricing in Food Markets

NTR 142: Applied Food Principles

NTR 343: Food Service Purchasing

NTR 344: Nutrition Management and Leadership (L)

NTR 445: Management of Food Service Systems

NTR 455: Retail Food Service Operations

OGL 326: Project Procurement Management

SOS 328: Sustainability and Enterprise

SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II

SOS 498: Interventions on Sustainable Consumption on Campus (L)

SOS 498: Sustainable Food Economy (L)

TDM 481: Sustainable Food Management in Tourism

ABS 380: Restoration and Wildlife Plants

ABS 394: Food and Human Health

ABS 452: Commercial Applications of Fermentation

ABS 460: Organic Gardening

ABS 464: Desert Horticulture

BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ)

BIO 108: Concepts in Plant Biology (SQ)

BIO 130: Introduction to Environmental Science (SQ)

BIO 182: General Biology II (SG)

BIO 304: Plants and Civilization (L)

BIO 320: Fundamentals of Ecology

BIO 322: Conservation of Biodiversity

BIO 386: General Entomology

BIO 418: Soil Ecology

BIO 434: People and Nature: Ecosystem Services

CEE 181: Technological, Social, and Sustainable Systems (HU)

PLB 302: Plants and Civilization (L)

SES 106: Habitable Worlds (SQ)

SOS 314: Basic Energy Science

SOS 429: Human Impacts on Ecosystem Functioning or BIO 429: Human Impacts on Ecosystem Functioning

Business & Innovation (at least 2 courses must be from AGB, BUS, CIS, ECN, ENT, MGT, MKT or SCM)

AGB 100: Introduction to Agribusiness

AGB 250: Economics of Resource Allocation: Food and Agriculture

AGB 302: International Management and Agribusiness (G)

AGB 321: Agribusiness Marketing

AGB 333: Agribusiness Finance

AGB 366: Agribusiness Production Technologies

Educational Leadership

CDE 232: Human Development (SB)

CDE 337: Early Childhood Intervention

ECD 211: The Developing Child: Theory into Practice, Prenatal-Grade 3 (SB)

ECD 220: Introduction to Nutrition, Health and Safety

EDP 310: Children and Poverty (SB)

EDP 310: Developing as a Leader (SB)

EDP 310: Educational Psychology for Non-Teachers (SB)

EDP 310: Motivation (SB)

Global Engagement

AGB 302: International Management and Agribusiness (G)

AGB 452: Global Food and Agricultural Trade

AIS 180: Introduction to American Indian Studies (C)

AIS 320: American Indian Philosophies and World Views (HU & C)

AIS 480: Actualizing Decolonization (HU & C & G)

ASB 305: Poverty and Global Health ((L or SB) & G)

AGB 414: Food and Agribusiness Policy Issues (L)

AGB 420: Food Advertising and Promotion

AGB 425: Food Supply Networks

AGB 435: Commodity Futures and Options Markets

AGB 445: Food Retailing

AGB 452: Global Food and Agricultural Trade

AGB 456: Food Product Innovation and Development

AGB 481: Strategic Pricing in Food Markets

BUS 424: Sales and Negotiations

BUS 434: Business Risk Management

ENT 305: Principles of Entrepreneurship

ENT 340: Creativity and Innovation (L or HU)

ENT 360: Entrepreneurship and Value Creation

FIS 308: Politics, Markets and Innovation (SB)

MKT 300: Marketing and Business Performance

MKT 390: Essentials of Marketing

MKT 391: Essentials of Selling

MKT 395: Essentials of Advertising and Marketing Communication

MKT 435: Entrepreneurial Marketing

NTR 343: Food Service Purchasing

NTR 455: Retail Food Service Operations

SOS 328: Sustainability and Enterprise

SOS 385: Business and Sustainability I or SCM 385: Business and Sustainability I

SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II

STS 329: Technology in Developing Countries (SB & G)

TDM 481: Sustainable Food Management in Tourism

TEM 455: Global Impact Entrepreneurship

Policy & Governance

EDP 310: Multicultural Issues (SB)

HEP 102: Foundations of Health Education and Health Promotion

NTR 343: Food Service Purchasing

NTR 344: Nutrition Management and Leadership (L)

NTR 445: Management of Food Service Systems

OGL 200: Introduction to Organizational Leadership (SB)

OGL 220: Behavioral Dynamics in Organizations (SB)

OGL 260: Resource Allocation in Organizations

OGL 355: Leading Organizational Innovation and Change

SCN 209: Introduction to Environmental Education Project

SCN 300: Foundations of Environmental Education

SCN 301: Ecology and Natural History of the Sonoran Desert (SG)

SCN 302: Environmental Education (L & G)

TEL 111: Exploration of Education (SB)

TEL 215: Introduction to Child and Adolescent Development (SB)

TEL 405: History of Education and Policy Reform in the United States

USL 210: Service Learning: Intro to Diverse Community Issues (L & C)

USL 402: Service Learning: Education & Youth (C)

Public Health & Nutrition

GCU 121: World Geography (SB & G)

GCU 432: Geography of China (SB & G)

JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)

JHR 484: Human Trafficking

POS 160: Global Politics (SB & G)

POS 240: Introduction to Southeast Asia ((HU or SB) & G)

POS 260: Current Issues in International Politics ((L or SB) & G)

POS 300: Contemporary Global Controversies (SB & G)

POS 348: Do You Want to Build a Nation? (L)

POS 367: World Politics and Global Inequalities (G)

POS 454: Mexico (SB & G)

POS 480: Global Justice (G)

SGS 203: Contemporary Global Trends (SB & G)

SOS 322: International Development and Sustainability

SOS 456: Human Rights and Sustainability ((L or SB) & G)

STS 329: Technology in Developing Countries (SB & G)

STS 332: Global Issues in Science and Technology (SB)

TEM 450: Design for the Developing World

AGB 414: Food and Agribusiness Policy Issues (L)

AGB 452: Global Food and Agricultural Trade

JUS 214: The Pursuit of Justice in the 21st Century (SB)

PAF 201: Economics and Public Policy (SB)

PAF 340: Contemporary Policy Challenges

PAF 420: Managing Across Boundaries

POS 216: State and Local Government (SB)

POS 230: Current Issues in National Politics (L or SB)

POS 310: American National Government (SB)

POS 313: The Congress (SB)

POS 325: Public Policy Development (SB)

POS 333: Interest Groups (SB)

POS 417: Arizona Politics (SB)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

POS 480: Global Justice (G)

SOS 321: Policy and Governance in Sustainable Systems

SOS 322: International Development and Sustainability

SOS 456: Human Rights and Sustainability ((L or SB) & G)

AGB 414: Food and Agribusiness Policy Issues (L)

AGB 420: Food Advertising and Promotion

AGB 425: Food Supply Networks

ASB 100: Introduction to Global Health (SB & G)

ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H)

ASB 305: Poverty and Global Health ((L or SB) & G)

ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)

BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ)

BIO 182: General Biology II (SG)

HCI 311: Health Innovation: Foundational Concepts

HCR 230: Culture and Health (C & G)

HSC 355: Eating for Lifelong Health (SB)

NTR 142: Applied Food Principles

NTR 320: History of Human Nutrition

NTR 343: Food Service Purchasing

NTR 344: Nutrition Management and Leadership (L)

NTR 348: Cultural Aspects of Food (SB & C & G)

NTR 351: Nutrition Communication (L)

NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability

NTR 445: Management of Food Service Systems

NTR 448: Community Nutrition (L)

NTR 450: Nutrition in the Life Cycle (SB)

NTR 455: Retail Food Service Operations

PBH 422: Health Disparities and Access to Health

POP 100: Introduction to Population Health

SOS 370: Ethics of Eating (L or SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sustainable Food Systems, BS

School/College: College of Global Futures
Location: Online, ASU Local@Los Angeles
SUSFOSYSBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | • SOS 191 or college-specific equivalent First-Year Seminar is required of all first-year students<br>• SOS 201 required of all Sustainability transfer students |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | • View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 22 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 110: Sustainable World (SB) | 3 | C | • Create a first draft resume. |
| SOS 211: Calculus and Probability for the Life and Social Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) | 4 | C | |
| SOS 212: Systems, Dynamics and Sustainability | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Complete SOS 110 AND SOS 111 course(s). | | | |

| | | |
|---|---|---|
| Minimum 2.50 GPA ASU Cumulative. | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | |
| Term hours subtotal: | 7 | |

| Term 3 - A 29 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 220: Systems Thinking | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. |
| NTR 241: Human Nutrition | 3 | C | |
| SFS 215: Fundamentals of U.S. Food and Agriculture | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 38 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| SFS 216: Subsectors of U.S. Food and Agriculture | 3 | C | |
| Skills Elective | 3 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete SOS 211 AND SOS 212 course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 9 | | |

| Term 4 - A 47 - 55 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 231: Careers in Sustainability | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of language course(s) at the 102 level. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 8 | | |

| Term 4 - B 55 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 182: Water Planet (SQ) | 4 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of language course(s) at the 102 level. | 4 | C | |
| Complete SFS 215 AND SFS 216 course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 8 | | |

| Term 5 - A 63 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 310: Equity, Justice and Sustainability | 3 | C | • Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area. |
| SOS 326: Sustainable Ecosystems | 3 | C | |
| Focus Area Course | 3 | C | |
| Term hours subtotal: | 9 | | |

- Schedule an appointment with the School of Sustainability Career Advisor to review your resume.

| Term 5 - B 72 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOS 311: Future Thinking and Strategies | 3 | C | • Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area. |
| SOS 327: Sustainable Food and Farms | 3 | C | |
| Skills Elective | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 81 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Focus Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.<br>• Explore internship opportunities and schedule an appointment with the School of Sustainability Internship and Experiential Education Specialist to discuss your interests. |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 96 - 103 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SFS 484: Internship | 4 | B- | • Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area. |
| Upper Division Focus Area Course | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 7 - B 103 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 2 | | • Schedule an appointment with the School of Sustainability Career Advisor to discuss and refine your career search process. |
| Elective | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 5 | | |

| Term 8 - A 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| SFS 498: Pro-Seminar (L) | 3 | B- |
| Upper Division Focus Area Course | 3 | C |
| Term hours subtotal: | 6 | |

- Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 6 | | |

- Students must select one of the following focus areas:
  - Procurement
  - Ecosystem Science
  - Business & Innovation
  - Educational Leadership
  - Global Engagement
  - Policy & Governance
  - Public Health & Nutrition
- Students must declare a focus area by the end of Term 4.

Hide Course List(s)/Track Group(s)

| Skills Electives |
|---|
| CIS 105: Computer Applications and Information Technology (CS) |
| CIS 300: Web Design and Development |
| COM 225: Public Speaking (L) |
| ECN 211: Macroeconomic Principles (SB) |
| ECN 212: Microeconomic Principles (SB) |
| ENG 216: Persuasive Writing on Public Issues (L) |
| GIS 205: Geographic Information Science I (CS) |
| GIS 211: Geographic Information Science II (CS) |
| MGT 430: Negotiations |
| OGL 240: Introduction to Project Management |
| SOS 232: Professional Skills in Sustainability Practice |

| Procurement |
|---|
| AGB 250: Economics of Resource Allocation: Food and Agriculture |
| AGB 425: Food Supply Networks |
| AGB 435: Commodity Futures and Options Markets |
| AGB 445: Food Retailing |
| AGB 456: Food Product Innovation and Development |
| AGB 481: Strategic Pricing in Food Markets |
| NTR 142: Applied Food Principles |
| NTR 343: Food Service Purchasing |
| NTR 344: Nutrition Management and Leadership (L) |
| NTR 445: Management of Food Service Systems |
| NTR 455: Retail Food Service Operations |
| OGL 326: Project Procurement Management |
| SOS 328: Sustainability and Enterprise |

| Ecosystem Science |
|---|
| ABS 270: Sustainable Biological Systems |
| BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ) |
| BIO 108: Concepts in Plant Biology (SQ) |
| BIO 130: Introduction to Environmental Science (SQ) |
| BIO 182: General Biology II (SG) |
| BIO 304: Plants and Civilization (L) |
| BIO 320: Fundamentals of Ecology |
| BIO 322: Conservation of Biodiversity |
| PLB 302: Plants and Civilization (L) |
| SES 106: Habitable Worlds (SQ) |
| SOS 314: Basic Energy Science |

SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II

SOS 498: Interventions on Sustainable Consumption on Campus (L)

SOS 498: Sustainable Food Economy (L)

Business & Innovation (at least 2 courses must be from AGB, BUS, CIS, ECN, ENT, MGT, MKT or SCM)

AGB 250: Economics of Resource Allocation: Food and Agriculture

AGB 302: International Management and Agribusiness (G)

AGB 420: Food Advertising and Promotion

AGB 425: Food Supply Networks

AGB 435: Commodity Futures and Options Markets

AGB 445: Food Retailing

AGB 456: Food Product Innovation and Development

AGB 481: Strategic Pricing in Food Markets

ENT 360: Entrepreneurship and Value Creation

MKT 300: Marketing and Business Performance

MKT 390: Essentials of Marketing

MKT 391: Essentials of Selling

NTR 343: Food Service Purchasing

NTR 455: Retail Food Service Operations

SOS 328: Sustainability and Enterprise

SOS 385: Business and Sustainability I or SCM 385: Business and Sustainability I

SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II

STS 329: Technology in Developing Countries (SB & G)

TDM 481: Sustainable Food Management in Tourism

TEM 455: Global Impact Entrepreneurship

Policy & Governance

JUS 214: The Pursuit of Justice in the 21st Century (SB)

Educational Leadership

CDE 232: Human Development (SB)

ECD 220: Introduction to Nutrition, Health and Safety

EDP 310: Children and Poverty (SB)

EDP 310: Developing as a Leader (SB)

EDP 310: Educational Psychology for Non-Teachers (SB)

EDP 310: Motivation (SB)

EDP 310: Multicultural Issues (SB)

HEP 102: Foundations of Health Education and Health Promotion

NTR 343: Food Service Purchasing

NTR 344: Nutrition Management and Leadership (L)

NTR 445: Management of Food Service Systems

OGL 200: Introduction to Organizational Leadership (SB)

OGL 220: Behavioral Dynamics in Organizations (SB)

OGL 260: Resource Allocation in Organizations

OGL 355: Leading Organizational Innovation and Change

SCN 300: Foundations of Environmental Education

TEL 111: Exploration of Education (SB)

TEL 215: Introduction to Child and Adolescent Development (SB)

TEL 405: History of Education and Policy Reform in the United States

USL 210: Service Learning: Intro to Diverse Community Issues (L & C)

Public Health & Nutrition

AGB 420: Food Advertising and Promotion

Global Engagement

AGB 302: International Management and Agribusiness (G)

ASB 305: Poverty and Global Health ((L or SB) & G)

GCU 121: World Geography (SB & G)

GCU 432: Geography of China (SB & G)

POS 160: Global Politics (SB & G)

POS 240: Introduction to Southeast Asia ((HU or SB) & G)

POS 260: Current Issues in International Politics ((L or SB) & G)

POS 300: Contemporary Global Controversies (SB & G)

POS 348: Do You Want to Build a Nation? (L)

SOS 322: International Development and Sustainability

STS 329: Technology in Developing Countries (SB & G)

STS 332: Global Issues in Science and Technology (SB)

TEM 450: Design for the Developing World

PAF 201: Economics and Public Policy (SB)

PAF 340: Contemporary Policy Challenges

PAF 420: Managing Across Boundaries

POS 216: State and Local Government (SB)

POS 310: American National Government (SB)

POS 313: The Congress (SB)

POS 325: Public Policy Development (SB)

POS 333: Interest Groups (SB)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

SOS 321: Policy and Governance in Sustainable Systems

SOS 322: International Development and Sustainability

AGB 425: Food Supply Networks

ASB 100: Introduction to Global Health (SB & G)

ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H)

ASB 305: Poverty and Global Health ((L or SB) & G)

ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)

BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ)

BIO 182: General Biology II (SG)

HCI 311: Health Innovation: Foundational Concepts

HCR 230: Culture and Health (C & G)

HSC 355: Eating for Lifelong Health (SB)

NTR 142: Applied Food Principles

NTR 320: History of Human Nutrition

NTR 343: Food Service Purchasing

NTR 344: Nutrition Management and Leadership (L)

NTR 348: Cultural Aspects of Food (SB & C & G)

NTR 351: Nutrition Communication (L)

NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability

NTR 445: Management of Food Service Systems

NTR 450: Nutrition in the Life Cycle (SB)

NTR 455: Retail Food Service Operations

PBH 422: Health Disparities and Access to Health

POP 100: Introduction to Population Health

SOS 370: Ethics of Eating (L or SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Global Management - Internatl Business & Culture, BGM

School/College: Thunderbird School of Global Management
Location: Online, ASU Local@Los Angeles
TBTGMBGM

| Term 1 - A 0 - 10 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 101: Principles of Global Management (G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Create your Linkedin profile<br>• Create your Handshake profile |
| ASU 101-ONL: The ASU Experience | 1 | | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 10 | | |

| Term 1 - B 10 - 16 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | • View ASU Online first-year student registration information here.<br>• Join a student club<br>• Secure a part-time job |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 16 - 22 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 204: Principles of Marketing for Global Organizations | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 22 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 3 - A 31 - 40 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |

| | | |
|---|---|---|
| TGM 200: Principles of Accounting for Global Organizations | 3 | C |
| Term hours subtotal: | 9 | |

| Term 3 - B 40 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Develop your skills |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 4 | | |

| Term 4 - A 44 - 50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 50 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C | • Minimum 2.50 ASU cumulative GPA is required to register for LES 305 in Term 5A.<br>• Term 5 or Term 6 are preferred for study abroad. Meet with your advisor to plan for the best study abroad options for your major. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 10 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) | 3 | C | |
| ENG 301: Writing for the Professions (L) | 3 | | |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | • Work with your academic advisor to start planning for your required international internship |
| TGM 391: Global Business and Professional Development Skills | 1 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 76 - 85 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 353: Regional Management Environment (G) | 3 | C | |
| TGM 300: Principles of Finance for Global Organizations | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 85 - 88 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Elective | 3 | | • Work with your academic advisor to start planning for your required international internship<br>• Research employment opportunities |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 3 | | |

- Complete an in person or virtual practice interview

| Term 7 - A 88 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TGM 484: Internship | 3-6 | C | • An international internship experience is required. |
| Elective | 3 | | |
| Term hours subtotal: | 6-9 | | |

| Term 7 - B 94 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TGM 489: Multinational Organizational Leadership | 3 | C | • Gather professional references<br>• Apply for full-time career opportunities |
| TGM 487: Global Entrepreneurship | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 5 | | |
| Term hours subtotal: | 11 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TGM 498: Pro-Seminar (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Global Management - Internatl Business & Culture, BGM

School/College: Thunderbird School of Global Management
Location: West campus
TBTGMBGM

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 101: Principles of Global Management (G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Create a first draft resume.<br>• Create your LinkedIn Profile.<br>• Create your Handshake profile. |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| TGM 191: First-Year Seminar | 1 | | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 204: Principles of Marketing for Global Organizations | 3 | C | • Build your professional connections-- join the ASU Mentor Network<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 200: Principles of Accounting for Global Organizations | 3 | C | • Develop your skills. |
| COM 225: Public Speaking (L) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) | 3 | C | • Minimum 2.50 ASU cumulative GPA is required to register for LES 305 in term 5.<br>• Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to begin planning for the best study abroad options for your major. |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 79 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU) | 3 | C | • Work with your academic advisor to start planning your required internship experience in Term 7.<br>• Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to begin planning for the best study abroad options for your major. |
| TGM 391: Global Business and Professional Development Skills | 1 | C | |
| TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | |
| ENG 301: Writing for the Professions (L) | 3 | | |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 6 79 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 353: Regional Management Environment (G) | 3 | C | • Work with your academic advisor to start planning your required internship experience in Term 7.<br>• Research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| TGM 300: Principles of Finance for Global Organizations | 3 | C | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 7 94 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 484: Internship | 3-6 | C | • An internship experience is required.<br>• Gather professional references.<br>• Apply for full-time career opportunities. |
| TGM 487: Global Entrepreneurship | 3 | C | |
| TGM 489: Multinational Organizational Leadership | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 5 | | |
| Term hours subtotal: | 14-17 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| TGM 498: Pro-Seminar (L) | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Global Management - Intl Business, Lang & Culture, BGM

School/College: Thunderbird School of Global Management
Location: West campus
TBTGMBGM

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 101: Principles of Global Management (G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language, elective credits may require adjustment. See advisor.<br>• Create a first draft resume.<br>• Create your LinkedIn profile.<br>• Create your Handshake profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| TGM 191: First-Year Seminar | 1 | | |
| Foreign Language I | 4-5 | C | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 204: Principles of Marketing for Global Organizations | 3 | C | • Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language; elective credits may require adjustment. See advisor.<br>• Network in your career interest communities.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Foreign Language II | 4-5 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16-17 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 200: Principles of Accounting for Global Organizations | 3 | C | • Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language, elective credits may require adjustment. See advisor. |
| COM 225: Public Speaking (L) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| Foreign Language III | 4-5 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 17-18 |

- Develop your skills.
- Begin your career prep at https://career.asu.edu/career-resources

| Term 4 47 - 64 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) | 3 | C | • Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language (Chinese or Spanish); elective credits may require adjustment. See advisor.<br>• Minimum 2.50 ASU cumulative GPA is required to register for LES 305 in term 5.<br>• Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to discuss the best study abroad option for your major. Make sure to get your credits approved through your academic advisor prior to departure.<br>• Begin your career prep at https://career.asu.edu/career-resources |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Foreign Language IV | 4-5 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 17-18 | | |

| Term 5 64 - 80 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU) | 3 | C | • Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to discuss the best study abroad option for your major. Make sure to get your credits approved through your academic advisor prior to departure.<br>• Work with your academic advisor to start planning your required internship experience in Term 7.<br>• Begin your career prep at https://career.asu.edu/career-resources |
| TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| TGM 391: Global Business and Professional Development Skills | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 80 - 96 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 353: Regional Management Environment (G) | 3 | C | • Work with your academic advisor to start planning your required internship experience in Term 7.<br>• Research employment opportunities.<br>• Complete an in person or virtual practice interview.<br>• Begin your career prep at https://career.asu.edu/career-resources |
| TGM 300: Principles of Finance for Global Organizations | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Elective | 2 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 5 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 96 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 484: Internship | 3-6 | C | • An internship experience is required.<br>• Gather professional references.<br>• Apply for full-time career opportunities. |
| TGM 489: Multinational Organizational Leadership | 3 | C | |
| TGM 487: Global Entrepreneurship | 3 | C | |

| | | | |
|---|---|---|---|
| Upper Division Elective | 3 | | • Career prep thru https://career.asu.edu/career-resources |
| Term hours subtotal: | 12-15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TGM 498: Pro-Seminar (L) | 3 | C | • Go to career services at https://career.asu.edu/career-resources |
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Foreign Language I | Foreign Language II | Foreign Language III |
|---|---|---|
| MND 101: First-Year Chinese I | MND 102: First-Year Chinese II | MND 201: Second-Year Chinese I |
| SPA 101: Elementary Spanish I | SPA 102: Elementary Spanish II | SPA 201: Intermediate Spanish (G) |

| Foreign Language IV |
|---|
| MND 202: Second-Year Chinese II |
| SPA 202: Intermediate Spanish (G) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## International Trade, BS

School/College: Thunderbird School of Global Management
Location: West campus
TBINTRABS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 101: Principles of Global Management (G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Create a first draft resume.<br>• Create your LinkedIn profile.<br>• Create your Handshake profile. |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| TGM 191: First-Year Seminar | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 204: Principles of Marketing for Global Organizations | 3 | C | • Network in your career interest area.<br>• Join a student club or professional organization.<br>• Secure a part-time job or a volunteer experience. |
| COM 225: Public Speaking (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 200: Principles of Accounting for Global Organizations | 3 | C | • Develop your skills. |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 47 - 60 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) | 3 | C | • To register for LES 305, a minimum 2.50 GPA is required. |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 13 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU) | 3 | C | • Work with your academic advisor to start planning your required internship experience. |
| TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | |
| ECN 306: Survey of International Economics (SB & G) | 3 | C | |
| TGM 310: Supply Chain Operations for Global Organizations | 3 | C | |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| TGM 391: Global Business and Professional Development Skills | 1 | C | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 353: Regional Management Environment (G) | 3 | C | • Internship experience (minimum of 3 credit hours) suggested during summer term.<br>• Research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| TGM 300: Principles of Finance for Global Organizations | 3 | C | |
| TGM 430: International Trade and Regional Economic Agreements | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 484: Internship | 3-6 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| TGM 489: Multinational Organizational Leadership | 3 | C | |
| TGM 460: Global Risk Assessment and Management | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 4 | | |
| Term hours subtotal: | 15-18 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 498: Pro-Seminar (L) | 3 | C | |
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 5 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Business (Global Logistics Management), BA

School/College: W. P. Carey School of Business
Location:
BABUSGLBA

# and

# International Trade, BS

Thunderbird School of Global Management
TBINTRABS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Create a first draft resume.<br>• Create your LinkedIn profile.<br>• Create your Handshake profile. |
| MAT 117: College Algebra (MA) OR MAT 210: Brief Calculus (MA) | 3 | C | |
| TGM 101: Principles of Global Management (G) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TGM 191: First-Year Seminar OR WPC 101: Student Success in Business | 1 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | • Students must complete two math courses. Students will complete either MAT 117 and MAT 210 or MAT 210 and MAT 211 (or a quantitative course).<br>• Build your professional connections -- join the ASU Mentor Network<br>• Join a student club or professional organization.<br>• Secure a part-time job or a volunteer experience.<br>• Research study abroad opportunities recommended for your major |
| MAT 210: Brief Calculus (MA) OR MAT 211: Mathematics for Business Analysis or Quantitative Course | 3 | C | |
| COM 225: Public Speaking (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 15.25 |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 231: Uses of Accounting Information I | 3 | C | • Develop your skills<br>• Continuing first-year students will take WPC 248, after completing WPC 148<br>• New transfer students will take WPC 347 |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| TGM 204: Principles of Marketing for Global Organizations OR MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 241: Uses of Accounting Information II | 3 | C | • Be sure to take upcoming SCM courses in the term indicated, due to limited section availability on West campus.<br>• To register for LES 305, a minimum 2.50 GPA is required. |
| ECN 306: Survey of International Economics (SB & G) | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Business Skills Courses: No Grades of D or E | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SCM 300: Global Supply Operations OR TGM 310: Supply Chain Operations for Global Organizations | 3 | C | • Work with your advisor to start planning your required internship experience. |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 15.25 | | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FIN 300: Fundamentals of Finance OR TGM 300: Principles of Finance for Global Organizations | 3 | C | • TGM 484: Internship (minimum of 3 credit hours) suggested during summer term or Term 7. Work with your advisor to start planning your required internship experience .<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| SCM 314: Analytics for Logistics | 3 | C | |
| SCM 354: Procurement of Services | 3 | C | |
| TGM 353: Regional Management Environment (G) | 3 | C | |
| TGM 430: International Trade and Regional Economic Agreements | 3 | C | |

| | |
|---|---|
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | |
| Term hours subtotal: | 15 |

| **Term 7 92.75 - 107.75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SCM 344: Applied Logistics Management | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| SCM 385: Business and Sustainability I | 3 | C | |
| TGM 484: Internship | 3 | C | |
| TGM 489: Multinational Organizational Leadership | 3 | C | |
| MGT 411: Leading Organizations | 3 | C | |
| Term hours subtotal: | 15 | | |

| **Term 8 107.75 - 120.00 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SCM 445: Advanced Logistics Management | 3 | C | |
| TGM 460: Global Risk Assessment and Management | 3 | C | |
| TGM 498: Pro-Seminar (L) | 3 | C | |
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Term hours subtotal: | 12.25 | | |

Hide Course List(s)/Track Group(s)

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |

| Quantitative Course |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| EDS 223: Design Thinking |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

MAT 211: Mathematics for Business Analysis
or Qauntitative Course

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 50 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## International Trade, BS

School/College: Thunderbird School of Global Management
Location: Online, ASU Local@Los Angeles
TBINTRABS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 101: Principles of Global Management (G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Create your Linkedin profile<br>• Create your Handshake profile |
| ASU 101-ONL: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | | • View ASU Online first-year student registration information here.<br>• Join a student club<br>• Secure a part-time job |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 22 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 204: Principles of Marketing for Global Organizations | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 22 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 3 - A 31 - 40 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |

| | | |
|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 9 | |

| Term 3 - B 40 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 200: Principles of Accounting for Global Organizations | 3 | C | • Develop your skills |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 47 - 56 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) | 3 | C | |
| TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 56 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C | • Term 5 or Term 6 are preferred for study abroad. Meet with your advisor to plan for the best study abroad options for your major. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 63 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 353: Regional Management Environment (G) | 3 | C | |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 72 - 79 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 310: Supply Chain Operations for Global Organizations | 3 | C | • A minimum 2.50 cumulative ASU GPA is required to register for LES 305 in Term 6A.<br>• Work with your academic advisor to start planning for your required international internship. |
| TGM 391: Global Business and Professional Development Skills | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 79 - 88 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) | 3 | C | |
| ECN 306: Survey of International Economics (SB & G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 88 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 300: Principles of Finance for Global Organizations | 3 | C | |
| TGM 430: International Trade and Regional Economic Agreements | 3 | C | |

| | | |
|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

- Work with your academic advisor to start planning for your required international internship
- Research employment opportunities
- Complete an in person or virtual practice interview

| Term 7 - A 94 - 100 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TGM 484: Internship | 3-6 | C | • An international internship experience is required. |
| TGM 460: Global Risk Assessment and Management | 3 | C | |
| Term hours subtotal: | 6-9 | | |

| Term 7 - B 100 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TGM 489: Multinational Organizational Leadership | 3 | C | • Gather professional references<br>• Apply for full-time career opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 106 - 115 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 115 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TGM 498: Pro-Seminar (L) | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 5 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Total Community College Hrs:** 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Food and Nutrition Entrepreneurship), BAS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
ECNTRBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition | 3 | C | • Develop your professional online presence |
| Computer/Statistics/Quantitative Applications (CS) ( CIS 105 recommended) | 3 | | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NTR 343: Food Service Purchasing | 3 | C | |
| CIS 300: Web Design and Development | 3 | C | |
| NTR 348: Cultural Aspects of Food (SB & C & G) | 3 | C | |
| NTR 351: Nutrition Communication (L) | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NTR 455: Retail Food Service Operations | 3 | C | • Gather professional references |

| | | |
|---|---|---|
| ACC 382: Accounting and Financial Analysis | 3 | C |
| MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling | 3 | C |
| NTR 445: Management of Food Service Systems | 3 | C |
| NTR Upper Division Elective | 3 | C |
| Term hours subtotal: | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NTR 344: Nutrition Management and Leadership (L) | 3 | C | • Apply for full-time career opportunities |
| MGT 380: Management and Strategy for Nonmajors | 3 | C | |
| NTR 345: Development of Healthy Cuisines | 3 | C | |
| NTR 450: Nutrition in the Life Cycle (SB) OR HSC 355: Eating for Lifelong Health (SB) | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Applied Science (Food and Nutrition Entrepreneurship), BAS

School/College: College of Health Solutions
Location: Online, ASU Local@Los Angeles
ECNTRBAS

| **Applicable Community College Prerequisites 0 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| **Term 5 - A 60 - 66 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition | 3 | C | • Develop your professional online presence |
| Computer/Statistics/Quantitative Applications (CS) ( CIS 105 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 5 - B 66 - 72 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 2 courses:*<br>Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| **Term 6 - A 72 - 78 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ NTR 343: Food Service Purchasing | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 6 - B 78 - 84 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CIS 300: Web Design and Development | 3 | C | |
| NTR 348: Cultural Aspects of Food (SB & C & G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 7 - A 84 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 382: Accounting and Financial Analysis | 3 | C | • Gather professional references |
| NTR 351: Nutrition Communication (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NTR 455: Retail Food Service Operations | 3 | C | |
| NTR 450: Nutrition in the Life Cycle (SB) OR HSC 355: Eating for Lifelong Health (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MGT 380: Management and Strategy for Nonmajors | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling | 3 | C | |
| NTR Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NTR 344: Nutrition Management and Leadership (L) | 3 | C | • Apply for full-time career opportunities |
| NTR 345: Development of Healthy Cuisines | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 445: Management of Food Service Systems | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Health Sciences), BAS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, Polytechnic campus, West campus, ASU@Yavapai
NUHSCBAS

| **Applicable Community College Prerequisites 0 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ HCD 330: Health Care Systems in the U.S. | 3 | C | • Develop your professional online presence |
| HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L) | 3 | C | |
| HSC 300: Complementary Health Care | 3 | C | |
| HSC 310: Health Communication | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ HCD 303: Global Health Care Systems (G) | 3 | C | |
| ★ MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| HSC 412: Health Issues in Later Life | 3 | C | |
| HSC 432: Legal Issues in Health Care | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | • Gather professional references |
| CHS 340: Health Theory | 3 | C | |
| HCD 420: Population Health Management | 3 | C | |
| HSC 410: Supporting the Health of Older Adults | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ HCD 400: Interpreting the Scientific Literature | 3 | C | • Apply for full-time career opportunities |
| MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | |
| MED 417: Impact of Violence on Health | 3 | C | |
| MED 450: Leadership and Professionalism | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Applied Science (Health Sciences), BAS

School/College: College of Health Solutions
Location: Online, ASU Local@Los Angeles
NUHSCBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCD 330: Health Care Systems in the U.S. | 3 | C | • Develop your professional online presence |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 66 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HSC 310: Health Communication | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| HCD 303: Global Health Care Systems (G) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSC 412: Health Issues in Later Life | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 84 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L) | 3 | C | • Gather professional references |
| HSC 300: Complementary Health Care | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSC 410: Supporting the Health of Older Adults | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 96 - 102 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 340: Health Theory | 3 | C | |
| MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 102 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | |
| HCD 400: Interpreting the Scientific Literature | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 108 - 114 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MED 450: Leadership and Professionalism | 3 | C | • Apply for full-time career opportunities |
| HCD 420: Population Health Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSC 432: Legal Issues in Health Care | 3 | C | |
| MED 417: Impact of Violence on Health | 3 | C | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Applied Science (Medical Laboratory Science), BAS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NUMLSBAS

| Applicable Community College Prerequisites 0 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Transfer Degree Block | 90 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 90 | | |

| Term 5 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Computer/Statistics/Quantitative Applications (CS) | 3 | | • Develop your professional online presence |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 6 99 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MDL 410: Laboratory Leadership | 1 | C | |
| MDL 420: Advanced Clinical Urinalysis and Body Fluids | 2 | C | |
| MDL 430: Advanced Hematology and Hemostasis | 3 | C | |
| MDL 440: Advanced Immunohematology and Immunology | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Summer 6 108 - 112 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MDL 421: Advanced Practicum in Clinical Urinalysis and Body Fluids | 1 | C | |
| MDL 431: Advanced Practicum in Hematology and Hemostasis | 1 | C | |

| | | |
|---|---|---|
| MDL 441: Advanced Practicum in Immunohematology and Immunology | 2 | C |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 4 | |

| Term 7 112 - 118 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MDL 450: Advanced Clinical Microbiology | 3 | C | • Gather professional references |
| MDL 460: Advanced Clinical Chemistry | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 118 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MDL 451: Advanced Practicum: Clinical Microbiology | 1 | C | • Apply for full-time career opportunities |
| MDL 461: Advanced Practicum: Clinical Chemistry | 1 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 2 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biomedical Informatics, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, Tempe campus
ESBMIBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • Students who test into MAT 251 can take MAT 170 in Term 1 as a refresher or take an elective course instead.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Elective ( MAT 170 recommended) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student club or professional organization.<br>• Create a first draft resume.<br>• Select your Career Interest Communities and play me3. |
| BMI 110: Introduction to Python | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| BMI 201: Introduction to Clinical Informatics | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Develop your skills |
| BMI 210: Data Structures and Algorithms in Python | 3 | C | |
| BMI 102: Introduction to Population Health Informatics | 3 | C | |
| MAT 243: Discrete Mathematical Structures | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BMI 221: Knowledge Representation for Biomedical Informatics | 3 | C | • Explore an internship |
| BMI 211: Modeling Biomedical Decisions | 3 | C | |
| BMI 310: App Development for Clinical and Population Health OR CSE 335: Principles of Mobile Application Development | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete BMI 102 AND BMI 201 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | • Update your resume<br>• Thinking about graduate school? Consider registering for a grad school test prep course |
| BMI 311: Modeling Biomedical Knowledge | 3 | C | |
| BMI 332: Team Dynamics for Healthcare IT Projects | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BMI 312: Modeling Biomedical Data | 3 | C | • Use Handshake to research employment opportunities<br>• Complete an in person or virtual practice interview |
| BMI 330: Topics in Translational Bioinformatics | 3 | C | |
| BMI 410: Database Management in Health Care | 3 | C | |
| BMI 440: Software Engineering for Biomedical Informatics OR CSE 360: Introduction to Software Engineering | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BMI 461: Advanced Topics in Biomedical Informatics I | 3 | C | |
| BMI 482: Capstone I (L) OR CHS 492: Honors Directed Study | 3 | C | |
| BMI 484: Internship | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BMI 404: Clinical Environments | 3 | C | • Apply for full-time career opportunities<br>• Barrett Honors College students who take CHS 492 and CHS 493 will need a Literacy and Critical Inquiry course in Term 8. Non-Barrett students who take BMI 482 and BMI 483 may take an elective course instead. |
| BMI 483: Capstone II (L) OR CHS 493: Honors Thesis (L) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:*<br>Elective | 5 | | |

Term hours subtotal: 14

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Dietetics, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NHDIETCSBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 101: Introductory Chemistry (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Minimum grade of C required in the courses marked as C or better for Didactic Program in Dietetics (DPD) verification statement<br>• In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50.<br>• Students who enter the major as first-year students must complete CHS 100; students who enter the major with more than 45 hours should complete CHS 300.<br>• Build your professional connections -- join the ASU Mentor Network |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) | 3 | C | |
| NTR 150: Introduction to the Professions in Nutrition and Dietetics | 1 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 241: Human Nutrition | 3 | C | • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | • In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50. |
| NTR 142: Applied Food Principles | 3 | C | |

| | | | |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | • Develop your skills. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 46 - 62 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Secure a part-time job or volunteer experience.<br>• Use Handshake to research employment opportunities.<br>• Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| CHS 260: Health Professions Terminology | 3 | C | |
| NTR 290: Introduction to Evidence-Based Research in Nutrition (L) | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 62 - 78 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50.<br>• Develop your professional online presence. |
| NTR 341: Medical Nutrition Therapy I | 3 | C | |
| NTR 343: Food Service Purchasing | 3 | C | |
| NTR 351: Nutrition Communication (L) | 3 | C | |
| Experiential Learning Course | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 6 78 - 93 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| BCH 361: Advanced Principles of Biochemistry | 3 | C | • Use Handshake to research employment opportunities. |
| NTR 344: Nutrition Management and Leadership (L) | 3 | C | |
| NTR 350: Nutrition Counseling | 3 | C | |
| NTR 444: Medical Nutrition Therapy II | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 93 - 106 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| NTR 400: Preprofessional Preparation in Dietetics | 1 | C | • In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50.<br>• Gather professional references. |
| NTR 441: Advanced Human Nutrition II | 3 | C | |
| NTR 446: Medical Nutrition Therapy III | 4 | C | |
| NTR 450: Nutrition in the Life Cycle (SB) | 3 | C | |

| | | |
|---|---|---|
| Elective | 2 | |
| ★ Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 13 | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NTR 440: Advanced Human Nutrition I | 3 | C | • Apply for full time career opportunities. |
| ★ NTR 445: Management of Food Service Systems | 4 | C | |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| NTR 448: Community Nutrition (L) | 3 | C | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| Experiential Learning Course |
|---|
| CHS 280: Experiential Community Health and Research |
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 484: Student Outbreak Response Team |
| CHS 484: Translational Research |
| CHS 493: Honors Thesis (L) |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| CHS 494: Contact Tracing in Population Health |
| CHS 494: Undergraduate Research |
| HCR 471: Interprofessional Education and Community Health |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exercise and Wellness, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
ECEXERBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students who enter as freshmen must enroll in CHS 100; students who enter with more than 45 hours may enroll in CHS 300 instead.<br>• Join a student club or professional organization. |
| KIN 101: Introduction to Kinesiology | 3 | C | |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Explore 4+1 options in the major. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | • Secure a part-time job or volunteer experiences.<br>• Become a student member of a professional organization. |
| EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR HCD 300: Biostatistics (CS) | 3 | C | |
| Elective | 3 | | |
| Complete EXW 215 AND EXW 217 course(s). | | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Research health professions graduate programs.<br>• Students interested in applying to health professions graduate programs should utilize electives to fulfill pre-requisite coursework. |
| KIN 290: Introduction to Evidence-Based Practice (L) OR NTR 290: Introduction to Evidence-Based Research in Nutrition (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 79 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EXW 330: Kinesiological Foundations of Movement | 4 | C | • Develop your professional online presence. |
| KIN 340: Physiology of Exercise | 3 | C | |
| EXW 344: Impact of Physical Activity on Health and Disease | 3 | C | |
| KIN 352: Psychosocial Aspects of Physical Activity (SB & C) | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 79 - 95 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EXW 420: Exercise Testing | 4 | C | • Gather professional references. |
| *Complete 2 courses:*<br>Upper Division Major Electives | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 95 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| KIN 447: ECG Interpretation | 3 | C | • Explore an internship<br>• Thinking about graduate school? Consider registering for a grad school test prep course . |
| *Complete 2 courses:*<br>Upper Division Major Electives | 6 | C | |
| Upper Division Elective | 1 | | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ EXW 484: Internship | | 3 | C |
| Upper Division Major Electives | | 3 | C |
| *Complete 2 courses:* Elective | | 6 | |
| | Term hours subtotal: | 12 | |

- Apply for full-time career opportunities.
- The EXW 484: Internship fulfills the college's experiential learning requirement.

- Students will select their specialty focus courses with the advice of the academic advisor. Students interested in taking NTR 457 Sports Nutrition as one of their specialty focus courses need to take NTR 241 as their elective in term 4.

Hide Course List(s)/Track Group(s)

| Major Electives |
|---|
| CHS 340: Health Theory |
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 494: Adaptive Exercise Program Practical Experience |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| CHS 494: Undergraduate Research |
| EXW 400: Stress Management for Wellness |
| EXW 494: Ex Rx: Cardiorespiratory and Metabolic Conditions |
| HEP 410: Obesity Perspectives and Prescriptions |
| HSC 355: Eating for Lifelong Health (SB) |
| KIN 345: Motor Behavior |
| KIN 415: Theory of Corrective Exercise |
| KIN 422: Motor Control in Special Populations (L) |
| KIN 423: Motor Control and Aging (L) |
| KIN 424: Neural Aspects of Movement and Rehabilitation |
| KIN 442: Fuel Metabolism |
| KIN 443: Exercise Endocrinology (L) |
| KIN 444: Metabolic Adaptations to Exercise Training |
| KIN 446: Pediatric Obesity |
| KIN 450: Biopsychosocial Perspectives on Physical Activity and Health |
| KIN 452: Exercise Psychology (SB) |
| KIN 460: Theory of Strength Training (L) |

KIN 465: Muscle Physiology

NTR 341: Medical Nutrition Therapy I

NTR 350: Nutrition Counseling

NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability

NTR 450: Nutrition in the Life Cycle (SB)

PRM 364: Foundations of Recreation Therapy (SB)

PRM 384: Recreational Therapy Practicum

PRM 453: Inclusive and Adaptive Sports and Recreation

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Food and Nutrition Entrepreneurship, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NHFNUENBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Build your professional connections -- join the ASU Mentor Network<br>• Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| MAT course (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 101: Introductory Chemistry (SQ) | 4 | C | • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition | 3 | C | • Develop your skills. |
| AGB 250: Economics of Resource Allocation: Food and Agriculture | 3 | C | |
| BIO 160: Introduction to Anatomy and Physiology (SQ) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 142: Applied Food Principles | 3 | C | • Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 301: Writing for the Professions (L) OR TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | • Develop your professional online presence. |
| ACC 382: Accounting and Financial Analysis | 3 | C | |
| MKT 390: Essentials of Marketing | 3 | C | |
| NTR 343: Food Service Purchasing | 3 | C | |
| NTR 345: Development of Healthy Cuisines OR NTR 442: Experimental Functional Foods | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 344: Nutrition Management and Leadership (L) | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Use Handshake to research employment opportunities. |
| NTR 450: Nutrition in the Life Cycle (SB) OR HSC 355: Eating for Lifelong Health (SB) | 3 | C | |
| MGT 380: Management and Strategy for Nonmajors | 3 | C | |
| NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 455: Retail Food Service Operations | 3 | C | • Gather professional references.<br>• Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| CIS 300: Web Design and Development | 3 | C | |
| NTR 445: Management of Food Service Systems | 4 | C | |
| Experiential Learning Course | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 360: Nutrition Entrepreneurship | 3 | C | • Apply for full-time career opportunities. |
| NTR 448: Community Nutrition (L) | 3 | C | |
| Upper Division Elective | 2 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| Experiential Learning Course |
| --- |
| CHS 280: Experiential Community Health and Research |
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 484: Student Outbreak Response Team |
| CHS 484: Translational Research |
| CHS 493: Honors Thesis (L) |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| CHS 494: Contact Tracing in Population Health |
| CHS 494: Undergraduate Research |
| HCR 471: Interprofessional Education and Community Health |
| NTR 401: Preprofessional Preparation in Nutrition |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Food and Nutrition Entrepreneurship, BS

School/College: College of Health Solutions
Location: Online, ASU Local@Los Angeles
NHFNUENBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead. |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Build your professional connections -- join the ASU Mentor Network<br>• View ASU Online first-year student registration information here |
| Mathematics (MA) ( MAT 142 recommended) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 101: Introductory Chemistry (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition | 3 | C | • Join a student club or professional organization. |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 26 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AGB 250: Economics of Resource Allocation: Food and Agriculture | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | • Develop your skills. |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 160: Introduction to Anatomy and Physiology (SQ) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 142: Applied Food Principles | 3 | C | • Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 301: Writing for the Professions (L) OR TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 343: Food Service Purchasing | 3 | C | • Develop your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACC 382: Accounting and Financial Analysis | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 345: Development of Healthy Cuisines | 3 | C | • Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 450: Nutrition in the Life Cycle (SB) OR HSC 355: Eating for Lifelong Health (SB) | 3 | C | |
| NTR 344: Nutrition Management and Leadership (L) | 3 | C | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NTR 455: Retail Food Service Operations | 3 | C | • Gather professional references. |
| NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NTR 445: Management of Food Service Systems | 4 | C | |
| MGT 380: Management and Strategy for Nonmajors | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 8 - B 94 - 100 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MKT 390: Essentials of Marketing | 3 | C | |
| NTR 448: Community Nutrition (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 100 - 106 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 300: Web Design and Development | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 106 - 112 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NTR 360: Nutrition Entrepreneurship | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 112 - 118 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Experiential Learning Course | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 118 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 2 | | |

Hide Course List(s)/Track Group(s)

Experiential Learning Course

CHS 280: Experiential Community Health and Research

CHS 394: CHS Peer Instructional Facilitator

CHS 484: Student Outbreak Response Team

CHS 484: Translational Research

CHS 494: Advanced Undergraduate Teaching Assistant

CHS 494: Contact Tracing in Population Health

CHS 494: Undergraduate Research

NTR 401: Preprofessional Preparation in Nutrition

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Education and Health Promotion, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, ASU@Lake Havasu
NHHEHPBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Students who plan to apply to a graduate program after graduation may wish to take a higher level math than that required for this degree. If the student decides to do so but tests into MAT 117 in term 1, an elective later in the program may be used to take a higher level math.<br>• Students who enter the major as freshmen must complete CHS 100; students who enter the major with at least 45 hours should complete CHS 300. |
| HEP 102: Foundations of Health Education and Health Promotion | 3 | C | |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT course (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L) | 3 | C | • Students who enter the major with fewer than 45 hours must take HEP 100; those who enter with at least 45 hours may take EXW 302.<br>• Join a student club or professional organization.<br>• Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HEHP Major Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | C | • Develop your skills.<br>• Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

program should take BIO 201 in Term 3 instead of BIO 160, and BIO 202 in Term 4 instead of an elective.

| Term 4 47 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 107: Chemistry and Society (SQ) AND CHM 108: Chemistry and Society Laboratory (SQ) OR CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR BIO 181: General Biology I (SQ) | 4 | C | • Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take CHM 113. They should also take BIO 201 in Term 3 instead of BIO 160, and BIO 202 in Term 4 instead of an elective. |
| HEHP Major Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 340: Health Theory | 3 | C | • Develop your professional online presence. |
| HCD 300: Biostatistics (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| HEP 348: Methods of Health Education | 3 | C | |
| NTR 241: Human Nutrition OR NTR 100: Introduction to Nutrition Science | 3 | C | |
| Upper Division HEHP Major Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 454: Health Promotion Program Planning and Implementation | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Complete an in person or virtual practice interview. |
| HEP 444: Epidemiology | 3 | C | |
| HEP 452: Health Advocacy in Health Education | 3 | C | |
| HEP 466: Health Promotion Program Management and Administration | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 456: Health Promotion Program Evaluation | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Students should choose a Track either in Clinical Health Education Specialist or Community Health Education Specialist and select a course from that Track Elective list.<br>• Courses used to count toward a Track Elective cannot be used as an HEHP Major Elective.<br>• Apply for full-time career opportunities. |
| EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | |
| HEP 490: CHES Exam Preparation | 1 | C | |
| Experiential Learning Course | 3 | C | |
| Track Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ HEP 476: Community Health | 3 | C | • Students should select a course from the same Track Elective list they chose in Term 7.<br>• Courses used to count toward a Track Elective cannot be used as an HEHP Major Elective. |
| Upper Division Track Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 5 | | |
| Elective | 2 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Clinical Health Education Specialist Track Elective | HEHP Major Electives | Community Health Education Specialist Track Elective |
|---|---|---|
| HEP 394: Diabetes Prevention & Management | CHS 494: Contact Tracing in Population Health | HEP 303: Human Sexuality for Health Education |
| HEP 394: Health Advocacy for Special Populations | EXW 335: Physical Activity and Physiological Concepts | HEP 361: Social Media and Marketing for Health |
| HEP 394: Oral Health and Chronic Care | EXW 344: Impact of Physical Activity on Health and Disease | HEP 394: Health and Climate Change |
| HEP 443: Emotional Health and Interpersonal Relationships | EXW 400: Stress Management for Wellness | HSC 210: Cultural Aspects of Health (C) |
| | HEP 241: Health Education Methods for Injury Prevention and Preparedness | |
| | HEP 251: Preventing HIV and Substance Abuse | |
| | HEP 303: Human Sexuality for Health Education | |
| | HEP 350: Substance Abuse and Addictive Behavior | |
| | HEP 361: Social Media and Marketing for Health | |
| | HEP 371: Conflict Management and Mediation and Violence Prevention | |
| | HEP 380: Body Image and Wellness | |
| | HEP 394: Diabetes Prevention & Management | |
| | HEP 394: Health Advocacy for Special Populations | |
| | HEP 394: Health and Climate Change | |
| | HEP 394: Oral Health and Chronic Care | |
| | HEP 410: Obesity Perspectives and Prescriptions | |
| | HEP 443: Emotional Health and Interpersonal Relationships | |
| | HEP 448: Foundations of School Health Education | |

| Experiential Learning Course |
| --- |
| CHS 280: Experiential Community Health and Research |
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 484: Student Outbreak Response Team |
| CHS 484: Translational Research |
| CHS 493: Honors Thesis (L) |
| CHS 494: Contact Tracing in Population Health |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| CHS 494: Undergraduate Research |
| HCR 471: Interprofessional Education and Community Health |
| HEP 394: Global Intensive Experience |
| HEP 484: Internship |
| HEP 486: Applied Projects in Health Education and Health Promotion |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Education and Health Promotion, BS

School/College: College of Health Solutions
Location: Online, ASU Local@Los Angeles
NHHEHPBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 102: Foundations of Health Education and Health Promotion | 3 | C | • ASU 101 or College specific equivalent First Year Seminar required of all first-year students |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | • Students who enter with fewer than 45 hours must complete CHS 100; students who enter with more than 45 hours should complete CHS 300.<br>• View ASU Online first-year student registration information here.<br>• Create a first draft resume. |
| Mathematics (MA) ( MAT 142 recommended) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L) | 3 | C | • Students who enter the major with fewer than 45 hours must take HEP 100; those who enter with at least 45 hours may take EXW 302. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEHP Major Elective | 3 | C | • Join a student club or professional organization. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | C | |

| | | |
|---|---|---|
| Elective | 3 | |
| Term hours subtotal: | 7 | |

- Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take BIO 201 in Term 3A instead of BIO 160, and BIO 202 in Term 3B.

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Develop your skills.<br>• Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take BIO 201 in Term 3A and BIO 202 in Term 3B. |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 107: Chemistry and Society (SQ) AND CHM 108: Chemistry and Society Laboratory (SQ) OR CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR BIO 181: General Biology I (SQ) | 4 | C | • Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take CHM 113. |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 241: Human Nutrition OR NTR 100: Introduction to Nutrition Science | 3 | C | • Secure a part-time job or volunteer experiences. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 340: Health Theory | 3 | C | |
| HCD 300: Biostatistics (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Develop your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 348: Methods of Health Education | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| HEHP Major Elective | 3 | C |
| Upper Division Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HEP 454: Health Promotion Program Planning and Implementation | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| HEP 444: Epidemiology | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 452: Health Advocacy in Health Education | 3 | C | |
| HEP 456: Health Promotion Program Evaluation | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | |
| HEP 466: Health Promotion Program Management and Administration | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 100 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HEP 476: Community Health | 3 | C | • Complete an in person or virtual practice interview. |
| HEP 490: CHES Exam Preparation | 1 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division HEHP Major Elective | 3 | C | • Apply for full-time career opportunities<br>• Students should choose a Track either in Clinical Health Education Specialist or Community Health Education Specialist and select a course from that Track Elective list.<br>• Courses used to count toward a Track Elective cannot be used as an HEHP Major Elective. |
| Track Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 106 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Experiential Learning Course | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Students should select a course from the same Track Elective list they chose in term 9-A.<br>• Courses used to count toward a Track Elective cannot be used as an HEHP Major Elective. |
| Upper Division Track Elective | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Elective | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

| Clinical Health Education Specialist Track Electives |
|---|
| HEP 394: Diabetes Prevention & Management |
| HEP 394: Health Advocacy for Special Populations |
| HEP 394: Oral Health and Chronic Care |
| HEP 443: Emotional Health and Interpersonal Relationships |

| HEHP Major Electives |
|---|
| CHS 494: Contact Tracing in Population Health |
| EXW 335: Physical Activity and Physiological Concepts |
| EXW 344: Impact of Physical Activity on Health and Disease |
| EXW 400: Stress Management for Wellness |
| HEP 241: Health Education Methods for Injury Prevention and Preparedness |
| HEP 251: Preventing HIV and Substance Abuse |
| HEP 303: Human Sexuality for Health Education |
| HEP 350: Substance Abuse and Addictive Behavior |
| HEP 361: Social Media and Marketing for Health |
| HEP 371: Conflict Management and Mediation and Violence Prevention |
| HEP 380: Body Image and Wellness |
| HEP 394: Diabetes Prevention & Management |
| HEP 394: Health Advocacy for Special Populations |
| HEP 394: Health and Climate Change |
| HEP 394: Oral Health and Chronic Care |
| HEP 410: Obesity Perspectives and Prescriptions |
| HEP 443: Emotional Health and Interpersonal Relationships |
| HEP 448: Foundations of School Health Education |

| Community Health Education Specialist Track Electives |
|---|
| HEP 303: Human Sexuality for Health Education |
| HEP 361: Social Media and Marketing for Health |
| HEP 394: Health and Climate Change |
| HSC 210: Cultural Aspects of Health (C) |

| Experiential Learning Course |
|---|

CHS 280: Experiential Community Health and Research

CHS 394: CHS Peer Instructional Facilitator

CHS 484: Student Outbreak Response Team

CHS 484: Translational Research

CHS 494: Advanced Undergraduate Teaching Assistant

CHS 494: Contact Tracing in Population Health

CHS 494: Undergraduate Research

HEP 394: Global Intensive Experience

HEP 484: Internship

HEP 486: Applied Projects in Health Education and Health Promotion

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Sciences, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, Polytechnic campus, West campus
NHHSCBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Build your professional connections -- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT course (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSC 210: Cultural Aspects of Health (C) | 3 | C | • Join a student club or professional organization.<br>• Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours may complete CHS 300 instead. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • Develop your skills. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| HCD 330: Health Care Systems in the U.S. | 3 | | • Secure a part-time job or volunteer experience. |
| HEP 102: Foundations of Health Education and Health Promotion | 3 | C | |
| NTR 100: Introduction to Nutrition Science | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 300: Biostatistics (CS) | 3 | C | • Develop your professional online presence. |
| HSC 310: Health Communication | 3 | C | |
| MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 303: Global Health Care Systems (G) | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Students who choose to enroll in MED 484 in term 7 must have a minimum cumulative 3.00 GPA at the end of term 6.<br>• Use Handshake to research employment opportunities. |
| *Complete 2 courses:*<br>Track Focus Area Course | 6 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Track Focus Area Course | 6 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Students who choose to enroll in MED 484 must have a minimum cumulative 3.00 GPA.<br>• Gather professional references. |
| MED 450: Leadership and Professionalism | 3 | C | |
| Experiential Learning Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Track Focus Area Course | 3 | C | • Apply for full-time career opportunities. |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- 
- Students interested in the Mayo School of Health Sciences Echocardiography program must complete all prerequisites at ASU and a one credit medical terminology course from GateWay Community College prior to matriculation to the 21 month professional program at Mayo. Students must be accepted into the

program, which has limited slots for admission. For admission criteria and application process go here. If a student is accepted for the program, completion requires the student to attend ASU to meet our remaining requirements in the summer prior to the beginning of the program. Students must work closely with the ASU academic success specialist to make certain all prerequisites have been met. Upon successful completion of the Echocardiography curriculum at Mayo, the student must have the credits transferred back to ASU for acceptance as a block. At that time, the student may apply for graduation from ASU with the BS in Health Sciences. Students who begin the Mayo track but are not accepted into the Mayo program may choose another track in order to graduate with the BS in Health Sciences.

- For those interested in working with hispanic/latino populations, the Spanish and Health track is ideal. Since the first course in the track, SPA 314 or 316, has prerequisites (SPA 313 or SPA 315), students should either have taken one of those courses or they should schedule an appointment on the Downtown campus with Dr. Barbara Lafford for placement. Plan ahead to complete your prerequisites.
- Students who plan to complete the track in Language, Speech and Communication must complete PHY 101 and BIO 160 to fill their Natural Science area of the General Studies requirements.

Hide Course List(s)/Track Group(s)

| Community-based Health Outcomes Track |
| --- |
| HCD 420: Population Health Management |
| HEP 241: Health Education Methods for Injury Prevention and Preparedness |
| HEP 361: Social Media and Marketing for Health |
| HEP 466: Health Promotion Program Management and Administration |
| MED 417: Impact of Violence on Health |
| PBH 422: Health Disparities and Access to Health |
| SPA 318: Advanced Spanish for Health Care Professionals |
| SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G) |
| SPA 406: Introduction to Spanish/English Medical Interpretation |

| Health Legislation and Regulation Track |
| --- |
| HCD 201: Economics for Health Majors |
| HCD 302: Health Care Management |
| HCD 332: Population Health Policy and Legislation |
| HCD 400: Interpreting the Scientific Literature |
| HCD 402: Health Economics |
| HEP 452: Health Advocacy in Health Education |
| HSC 432: Legal Issues in Health Care |
| PAF 340: Contemporary Policy Challenges |

| Integrated Care Track |
| --- |
| CHS 340: Health Theory |
| HEP 251: Preventing HIV and Substance Abuse |
| HEP 350: Substance Abuse and Addictive Behavior |
| HEP 380: Body Image and Wellness |
| HSC 300: Complementary Health Care |
| HSC 355: Eating for Lifelong Health (SB) |
| HSC 440: Health Coaching Concepts and Skills |
| MED 445: Prevention and Management of Chronic Disease |

| Experiential Learning Course |
| --- |
| CHS 280: Experiential Community Health and Research |
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 484: Student Outbreak Response Team |
| CHS 484: Translational Research |
| CHS 493: Honors Thesis (L) |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| CHS 494: Contact Tracing in Population Health |
| CHS 494: Undergraduate Research |

| Mayo Clinic Echocardiography Track |
| --- |
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 202: Human Anatomy and Physiology II (SG) |
| COM 225: Public Speaking (L) |
| PHY 101: Introduction to Physics (SQ) |

| Language, Speech and Communication Track |
| --- |
| SHS 205: Exploring Communication Disorders in Children and Adults AND SHS 250: Introduction to Phonetics |
| SHS 310: Anatomical and Physiological Bases of Speech |
| SHS 311: Hearing Science |
| SHS 367: Language Science (SB) |
| SHS 375: Speech Science |
| SHS 401: Principles of Audiology |
| SHS 465: Speech and Language Acquisition (SB) |

HCR 471: Interprofessional Education and Community Health

HSC 484: Internship

MED 484: Internship

SHS 496: Aural Rehabilitation

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Sciences, BS

School/College: College of Health Solutions
Location: Online, ASU Local@Los Angeles
NHHSCBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Build your professional connections -- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSC 210: Cultural Aspects of Health (C) | 3 | C | • View ASU Online first-year student registration information here. |
| Mathematics (MA) ( MAT 142 recommended) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | • Join a student club or professional organization.<br>• Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours may complete CHS 300 instead. |
| NTR 100: Introduction to Nutrition Science | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 102: Foundations of Health Education and Health Promotion | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 330: Health Care Systems in the U.S. | 3 | | • Secure a part-time job or volunteer experience. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 300: Biostatistics (CS) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSC 310: Health Communication | 3 | C | • Develop your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | • Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| HCD 303: Global Health Care Systems (G) | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Track Focus Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Track Focus Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MED 450: Leadership and Professionalism | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| Upper Division Track Focus Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Track Focus Area Course | 3 | C | • Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Experiential Learning Course | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Track Focus Area Course | 3 | C | |
| Term hours subtotal: | 3 | | |

- Students who plan to complete the track in Language, Speech and Communication must complete PHY 101 and BIO 160 to fill their Natural Science area of the General Studies requirements.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|---|
| Community-based Health Outcomes | Health Legislation and Regulation | Integrated Care |
| HCD 420: Population Health Management | HCD 201: Economics for Health Majors | CHS 340: Health Theory |
| HEP 241: Health Education Methods for Injury Prevention and Preparedness | HCD 302: Health Care Management | HEP 251: Preventing HIV and Substance Abuse |

HEP 361: Social Media and Marketing for Health

HEP 466: Health Promotion Program Management and Administration

MED 417: Impact of Violence on Health

PBH 422: Health Disparities and Access to Health

HCD 332: Population Health Policy and Legislation

HCD 400: Interpreting the Scientific Literature

HCD 402: Health Economics

HEP 452: Health Advocacy in Health Education

HSC 432: Legal Issues in Health Care

PAF 340: Contemporary Policy Challenges

HEP 350: Substance Abuse and Addictive Behavior

HEP 380: Body Image and Wellness

HSC 300: Complementary Health Care

HSC 355: Eating for Lifelong Health (SB)

HSC 440: Health Coaching Concepts and Skills

MED 445: Prevention and Management of Chronic Disease

Language, Speech and Communication

SHS 205: Exploring Communication Disorders in Children and Adults AND SHS 250: Introduction to Phonetics

SHS 310: Anatomical and Physiological Bases of Speech

SHS 311: Hearing Science

SHS 367: Language Science (SB)

SHS 375: Speech Science

SHS 401: Principles of Audiology

SHS 465: Speech and Language Acquisition (SB)

SHS 496: Aural Rehabilitation

Experiential Learning Course

CHS 280: Experiential Community Health and Research

CHS 394: CHS Peer Instructional Facilitator

CHS 484: Student Outbreak Response Team

CHS 484: Translational Research

CHS 494: Advanced Undergraduate Teaching Assistant

CHS 494: Contact Tracing in Population Health

CHS 494: Undergraduate Research

HSC 484: Internship

MED 484: Internship

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Sciences (Healthy Lifestyles and Fitness Science), BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, Polytechnic campus, West campus
NUHSCHLCBS

**This program's name has changed effective Fall 2021. The previous name was Health Sciences (Healthy Lifestyles Coaching).**

| **Term 1 0 - 14 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students<br>• Build your professional connections -- join the ASU Mentor Network |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT course (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| **Term 2 14 - 30 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | • Join a student club or professional organization such as the Healthy Lifestyles Organization at ASU.<br>• Students who come in as freshmen must take CHS 100 rather than CHS 300. |
| EXW 101: Foundations of Health and Fitness Science | 3 | C | |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| **Term 3 30 - 45 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| NTR 241: Human Nutrition | 3 | C | • Develop your skills. |
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR HCD 300: Biostatistics (CS) | 3 | C | |
| EXW 215: Resistance Training and Recovery Techniques | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |

| | | |
|---|---|---|
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 290: Introduction to Evidence-Based Research in Nutrition (L) | 3 | C | • Secure a part-time job or volunteer experience. |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| EXW 217: Cardiorespiratory and Flexibility Training | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EXW 335: Physical Activity and Physiological Concepts | 3 | C | • Develop your professional online presence.<br>• Explore a certificate such as Health and Wellness Coach, Health Education Specialist or Personal Fitness Training. |
| HSC 300: Complementary Health Care | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 340: Health Theory | 3 | C | • Use Handshake to research employment opportunities. |
| EXW 344: Impact of Physical Activity on Health and Disease | 3 | C | |
| EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | |
| HSC 355: Eating for Lifelong Health (SB) | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSC 440: Health Coaching Concepts and Skills | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Gather professional references. |
| EXW 400: Stress Management for Wellness | 3 | C | |
| EXW 425: Exercise Prescription for Health and Wellness | 3 | C | |
| HEP 350: Substance Abuse and Addictive Behavior | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 360: Nutrition Entrepreneurship | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Apply for career opportunities. |
| Experiential Learning Course | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| *Complete 2 courses:* | | | |

| | |
|---|---|
| Elective | 6 |
| Term hours subtotal: | 15 |

Hide Course List(s)/Track Group(s)

| Major Electives |
|---|
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| EXW 302: Fundamentals of Wellness (L) |
| EXW 325: Fitness for Life |
| HCR 342: Mind-Body and Energy Therapies and Modalities |
| HEP 303: Human Sexuality for Health Education |
| HEP 361: Social Media and Marketing for Health |
| HEP 371: Conflict Management and Mediation and Violence Prevention |
| HEP 380: Body Image and Wellness |
| HEP 410: Obesity Perspectives and Prescriptions |
| HEP 443: Emotional Health and Interpersonal Relationships |
| HEP 466: Health Promotion Program Management and Administration |
| HSC 410: Supporting the Health of Older Adults |
| HSC 412: Health Issues in Later Life |
| HSC 441: Applied Health Coaching Techniques |
| NTR 345: Development of Healthy Cuisines |
| NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability |
| PBH 422: Health Disparities and Access to Health |

| Experiential Learning Course |
|---|
| CHS 280: Experiential Community Health and Research |
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 484: Student Outbreak Response Team |
| CHS 484: Translational Research |
| CHS 493: Honors Thesis (L) |
| CHS 494: Adaptive Exercise Program Practical Experience |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| CHS 494: Contact Tracing in Population Health |
| CHS 494: Undergraduate Research |
| HCR 471: Interprofessional Education and Community Health |
| HSC 441: Applied Health Coaching Techniques |
| HSC 484: Internship |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Sciences (Healthy Lifestyles and Fitness Science), BS

School/College: College of Health Solutions
Location: Online, ASU Local@Los Angeles
NUHSCHLCBS

**This program's name has changed effective Fall 2021. The previous name was Health Sciences (Healthy Lifestyles Coaching).**

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | • ASU 101 or College specific equivalent First Year Seminar required of all first-year students |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 11 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) | 4 | C | • Build your professional connections -- join the ASU Mentor Network<br>• View ASU Online first-year student registration information here |
| Term hours subtotal: | 4 | | |

| Term 2 - A 11 - 18 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | • Join a student club or professional organization such as the Healthy Lifestyles Organization at ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 18 - 24 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EXW 101: Foundations of Health and Fitness Science | 3 | C | • Students who enter with fewer than 45 hours must complete CHS 100; only students who enter ASU with more than 45 hours may take CHS 300. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |

| | | |
|---|---|---|
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Term hours subtotal: | 6 | |

| Term 3 - A 24 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 241: Human Nutrition | 3 | C | |
| EXW 215: Resistance Training and Recovery Techniques | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 30 - 36 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR HCD 300: Biostatistics (CS) | 3 | C | • Develop your skills. |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 36 - 42 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| EXW 217: Cardiorespiratory and Flexibility Training | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 42 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 290: Introduction to Evidence-Based Research in Nutrition (L) | 3 | C | • Secure a part-time job or volunteer experience. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 48 - 54 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EXW 335: Physical Activity and Physiological Concepts | 3 | C | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 54 - 60 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSC 300: Complementary Health Care | 3 | C | • Develop your professional online presence. |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 340: Health Theory | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 66 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EXW 344: Impact of Physical Activity on Health and Disease | 3 | C | |

| | | |
|---|---|---|
| EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HSC 355: Eating for Lifelong Health (SB) | 3 | C | |
| HEP 350: Substance Abuse and Addictive Behavior | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 78 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HSC 440: Health Coaching Concepts and Skills | 3 | C | • Use Handshake to research employment opportunities. |
| EXW 400: Stress Management for Wellness | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Major Electives | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Electives | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Gather professional references. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ EXW 425: Exercise Prescription for Health and Wellness | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Experiential Learning Course | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NTR 360: Nutrition Entrepreneurship | 3 | C | • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| Elective | | 3 |
| | Term hours subtotal: | 3 |

Hide Course List(s)/Track Group(s)

| Major Electives | Experiential Learning Course |
|---|---|
| CHS 394: CHS Peer Instructional Facilitator | CHS 280: Experiential Community Health and Research |
| CHS 494: Advanced Undergraduate Teaching Assistant | CHS 394: CHS Peer Instructional Facilitator |
| EXW 302: Fundamentals of Wellness (L) | CHS 484: Student Outbreak Response Team |
| EXW 325: Fitness for Life | CHS 484: Translational Research |
| HCR 342: Mind-Body and Energy Therapies and Modalities | CHS 494: Advanced Undergraduate Teaching Assistant |
| HEP 303: Human Sexuality for Health Education | CHS 494: Contact Tracing in Population Health |
| HEP 361: Social Media and Marketing for Health | CHS 494: Undergraduate Research |
| HEP 371: Conflict Management and Mediation and Violence Prevention | HSC 441: Applied Health Coaching Techniques |
| HEP 380: Body Image and Wellness | HSC 484: Internship |
| HEP 443: Emotional Health and Interpersonal Relationships | |
| HEP 466: Health Promotion Program Management and Administration | |
| HEP 476: Community Health | |
| HSC 441: Applied Health Coaching Techniques | |
| NTR 345: Development of Healthy Cuisines | |
| NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability | |
| NTR 453: Nutrition and the Media | |
| PBH 422: Health Disparities and Access to Health | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## International Public Health, BIPH

School/College: College of Health Solutions
Location: Online, ASU Local@Los Angeles
NHIPHBIPH

| Term 1 - A 0 - 8 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or College specific equivalent First Year Seminar required of all first-year students<br>• Build your professional connections -- join the ASU Mentor Network |
| ASU 101-UC: The ASU Experience | 1 | | |
| BIO 100: The Living World (SQ) | 4 | C | |
| Term hours subtotal: | 8 | | |

| Term 1 - B 8 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| MAT 117: College Algebra (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 14 - 21 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 100: Introduction to Global Health (SB & G) | 3 | C | • Join a student club or professional organization. |
| BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 21 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSC 210: Cultural Aspects of Health (C) | 3 | C | • Develop your skills.<br>• CHS 201 is offered by University of New South Wales. |
| CHS 201: International Indigenous Health | 3 | C | |
| POP 100: Introduction to Population Health | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 3 - A 30 - 36 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 301: Epidemiology for International Public Health | 3 | C | • CHS 301 is offered by University of New South Wales. |
| HCD 300: Biostatistics (CS) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 36 - 42 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| CHS 303: Health Promotion | 3 | C | • All courses are offered by University of New South Wales. |
| CHS 304: Communicable Disease | 3 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| **Summer 3 42 - 48 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CHS 306: Public Health Policy & Programs | 3 | C | • CHS 306 is offered by University of New South Wales. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 4 - A 48 - 54 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CHS 305: Principles of Prevention & Public Health Surveillance | 3 | C | • CHS 305 and CHS 309 are offered by University of New South Wales. |
| CHS 309: Global Chronic Disease Prevention and Control OR MED 445: Prevention and Management of Chronic Disease | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 4 - B 54 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 5 - A 60 - 66 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CHS 401: Ethics in Public Health | 3 | C | • CHS 401 is offered by University of New South Wales. |
| PBH 410: Public Mental Health | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 5 - B 66 - 72 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HCD 201: Economics for Health Majors | 3 | C | • Develop your professional online presence. |
| PBH 435: Environmental and Occupational Health | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Summer 5 72 - 81 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CHS 307: Health Leadership OR MED 450: Leadership and Professionalism | 3 | C | • CHS 307 is offered by University of New South Wales. |
| CHS 308: Comparative Health Systems | 3 | C | |
| HCD 332: Population Health Policy and Legislation | 3 | C | |
| Term hours subtotal: | 9 | | |

| **Term 6 - A 81 - 87 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ASB 301: Global History of Health (SB & G & H) | 3 | C | • Secure a part-time job or volunteer experience. |
| HCD 400: Interpreting the Scientific Literature | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 6 - B 87 - 96 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | |
|---|---|---|
| MED 300: Historical and Contemporary Issues in Health (L) | 3 | C |
| Humanities, Arts and Design (HU) | 3 | |
| Elective | 3 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 9 | |

| Term 7 - A 96 - 102 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PBH 482: Capstone I | 1 | C | |
| *Complete 2 courses:* Elective | 5 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 102 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PBH 483: Capstone II | 3 | C | • Use Handshake to research employment opportunities. |
| HCD 302: Health Care Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 108 - 114 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Gather professional references. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) | 3 | | • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Courses are offered by both Arizona State University and the University of New South Wales (UNSW) in Sydney, Australia. Students should work closely with their academic advisor regarding class selection and enrollment -- particularly those offered through UNSW.

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120 **General University Requirements Legend**

**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Kinesiology, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, ASU@Lake Havasu
NUKINBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| KIN 101: Introduction to Kinesiology | 3 | B- | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• If student did not test into MAT 170, then take MAT 117 as the elective in term 1.<br>• Students who enter the major as freshmen must complete CHS 100; students who enter the major with more than 45 hours may complete CHS 300 instead.<br>• Join a student club or professional organization. |
| BIO 181: General Biology I (SQ) | 4 | C | |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| BIO 182: General Biology II (SG) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | • Secure a part-time job or volunteer experiences. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 14 |

| Term 4 45 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Explore an internship.<br>• Review scholarship renewal criteria to ensure adequate enrollment. |
| KIN 290: Introduction to Evidence-Based Practice (L) | 3 | C | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 59 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| KIN 345: Motor Behavior | 3 | C | • Develop your professional online presence.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| KIN 352: Psychosocial Aspects of Physical Activity (SB & C) | 3 | C | |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| KIN 335: Biomechanics | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Gather professional references. |
| KIN 340: Physiology of Exercise | 3 | C | |
| Experiential Learning Course | 3 | C | |
| Upper Division KIN Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| KIN 334: Functional Anatomy and Kinesiology | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| KIN course (L) Upper Division | 3 | C | |
| *Complete 2 courses:*<br>Upper Division KIN Elective | 6 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:*<br>Upper Division KIN Elective | 9 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Upper Division KIN Elective |
| --- |
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 492: Honors Directed Study |
| CHS 493: Honors Thesis (L) |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| CHS 494: Undergraduate Research |
| CHS 499: Individualized Instruction |
| HCR 471: Interprofessional Education and Community Health |
| HCR 472: Interprofessional Education and Complex Health |
| HCR 473: Interprofessional Education and Comprehensive Systems Health |
| KIN 348: Psychological Skills for Optimal Performance (SB) |
| KIN 412: Biomechanics of the Skeletal System |
| KIN 413: Qualitative Analysis in Sport Biomechanics |
| KIN 414: Electromyographic Kinesiology (L) |
| KIN 415: Theory of Corrective Exercise |
| KIN 418: Experimental Neuromechanics |
| KIN 421: Human Motor Control (L) |
| KIN 422: Motor Control in Special Populations (L) |
| KIN 423: Motor Control and Aging (L) |
| KIN 424: Neural Aspects of Movement and Rehabilitation |
| KIN 440: Exercise Biochemistry |
| KIN 441: Physiology of Women in Sport (L) |
| KIN 442: Fuel Metabolism |
| KIN 443: Exercise Endocrinology (L) |
| KIN 444: Metabolic Adaptations to Exercise Training |
| KIN 446: Pediatric Obesity |
| KIN 447: ECG Interpretation |

| Experiential Learning Course |
| --- |
| CHS 280: Experiential Community Health and Research |
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 484: Student Outbreak Response Team |
| CHS 484: Translational Research |
| CHS 493: Honors Thesis (L) |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| CHS 494: Contact Tracing in Population Health |
| CHS 494: Undergraduate Research |
| HCR 471: Interprofessional Education and Community Health |
| KIN 484: Internship |

KIN 450: Biopsychosocial Perspectives on Physical Activity and Health

KIN 452: Exercise Psychology (SB)

KIN 454: Motivational Theory in Exercise and Health

KIN 460: Theory of Strength Training (L)

KIN 465: Muscle Physiology

KIN 466: Cardiovascular Exercise Physiology

KIN 484: Internship

KIN 494: Advanced Exercise Physiology

KIN 494: Functional Anatomy of Low Back Pain

PRM 364: Foundations of Recreation Therapy (SB)

PRM 384: Recreational Therapy Practicum

SSP 316: Exercise and Sport Physiology Laboratory

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students interested in applying to Physical Therapy graduate programs should major in Kinesiology.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Medical Studies, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, Polytechnic campus, West campus
NHMEDBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • Select your career interest communities and play me3@ASU.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Explore pre-health resources. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Meet with a pre-health advisor to discuss coursework and extracurricular activities.<br>• Join a student club or professional organization.<br>• Research career pathways and decide on a professional track prior to registering for the next term.<br>• Students who enter the major as freshmen must complete CHS 100; students who enter the major with more than 45 hours should complete CHS 300. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HSC 210: Cultural Aspects of Health (C) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | • Research professional schools and their admission requirements, including required courses.<br>• Start volunteering for health organizations and shadowing health professionals to learn more about opportunities in the field.<br>• Develop your skills.<br>• The course chosen from the list in this term (SOC 101, CDE 232, ECN 211, COM 100) should be selected from the Professional |
| Professional Track Courses | 4 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| SOC 101: Introductory Sociology (SB) OR CDE 232: Human Development (SB) OR ECN 211: Macroeconomic Principles (SB) OR COM 100: Introduction to Human Communication (SB) | 3 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 14 | |

Track the student is following. If the track does not specify one of the courses, ECN 211 is recommended.

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | • Begin thinking about preparation for professional school entrance exams.<br>• Learn about the Pre Health Internship Program.<br>• Continue volunteering and shadowing in health organizations. |
| Professional Track Courses | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | • Study for the professional school entrance exam and register to take it in the spring or summer of your junior year.<br>• Update your resume.<br>• Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Students must have a minimum ASU cumulative GPA of 3.00 or higher to apply for the MED 484 internship. |
| HCD 300: Biostatistics (CS) | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Upper Division Medical Studies Breadth Elective | 3 | C | |
| Elective | 1 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Take the professional school entrance exam.<br>• Meet with a pre-health advisor to review your professional school application.<br>• Apply early! |
| Professional Track Courses | 3 | C | |
| HSC 310: Health Communication | 3 | C | |
| Upper Division Experiential Learning Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 303: Global Health Care Systems (G) | 3 | C | • If your track requires more than three courses, extra courses will be taken in place of the elective.<br>• Complete an in person or virtual practice interview.<br>• Continue gaining hands on experience. |
| MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Medical Studies Breadth Elective | 6 | C | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | HCD 330: Health Care Systems in the U.S. | 3 | C |
| | MED 450: Leadership and Professionalism | 3 | C |
| | Upper Division Humanities, Arts and Design (HU) | 3 | |
| | *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| | Minimum 3.00 GPA ASU Cumulative. | | |
| | Term hours subtotal: | 15 | |

- Students in the MD track who plan to apply to University of Arizona Medical School in Tucson must complete an upper division course in Cell Biology, Histology, Microbiology, Pathology, or Immunobiology as well as an upper division course in Molecular Biology. This means that at least one of the upper division electives should come from the courses in the Medical Breadth Electives.

Hide Course List(s)/Track Group(s)

| Occupational Therapy Professional Track |
|---|
| CHS 260: Health Professions Terminology |
| PSY 341: Developmental Psychology (SB) |
| PSY 366: Abnormal Psychology (SB) |
| SOC 400: Perspectives on Aging (SB) or SOC 410: Race, Medicine, and the Body (L) or SOC 418: Aging and the Life Course (SB & H) or SOC 424: Women and Health (SB) or SOC 426: Social Inequality (SB) or SOC 427: Sociology of Health and Illness (SB) |

| Pharmacy Professional Track |
|---|
| COM 225: Public Speaking (L) |
| MAT 251: Calculus for Life Sciences (MA) |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |

| Medicine (MD/DO) Professional Track |
|---|
| BIO 340: General Genetics |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) |

| Optometry Professional Track |
|---|
| MAT 251: Calculus for Life Sciences (MA) |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) |

| Dentistry Professional Track |
|---|
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) |
| MIC 205: Microbiology (SG) |

| Experiential Learning Course |
|---|
| CHS 484: Translational Research |
| CHS 493: Honors Thesis (L) |
| CHS 494: Undergraduate Research |
| HSC 484: Internship |
| MED 484: Internship |
| MED 494: Introduction To Clinical Healthcare |

| Physician Assistant (PA) Professional Track |
|---|
| BIO 340: General Genetics |
| CHS 260: Health Professions Terminology |
| MIC 205: Microbiology (SG) |
| MIC 206: Microbiology Laboratory (SG) |

| Medical Studies Breadth Electives |
|---|
| BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory |
| BIO 353: Cell Biology |
| BIO 355: Introduction to Computational Molecular Biology (CS) |
| BIO 360: Animal Physiology |
| BIO 420: Immunology: Molecular and Cellular Foundations |

| Integrative Health (ND/NMD/DC) Professional Track |
|---|
| BIO 340: General Genetics |
| HSC 300: Complementary Health Care |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) |
| PSY 341: Developmental Psychology (SB) |

BIO 475: Advanced Human Anatomy

BMI 332: Team Dynamics for Healthcare IT Projects

BMI 404: Clinical Environments

CHS 340: Health Theory

HCD 302: Health Care Management

HCD 332: Population Health Policy and Legislation

HCD 402: Health Economics

HCD 403: Process Engineering

HCD 404: Advanced Concepts in the Science of Health Care Delivery

HCD 420: Population Health Management

HCD 484: Internship

HSC 410: Supporting the Health of Older Adults

HSC 412: Health Issues in Later Life

MED 325: Elements of Hospice and Palliative Care

MED 394: Healthcare and Humanities

MED 375: Alzheimer's and Other Dementias (SB)

MED 417: Impact of Violence on Health

MED 445: Prevention and Management of Chronic Disease

MED 475: Palliative Care: Managing Complex Serious Illness

MED 484: Internship

PBH 422: Health Disparities and Access to Health

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students interested in applying to Physical Therapy graduate programs should major in Kinesiology.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Nutritional Science, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, Polytechnic campus
NHNUSCIBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Students who enter the major as first-year students must complete CHS 100; students who enter the major with more than 45 hours should complete CHS 300.<br>• Students interested in graduate school are recommended to take MAT 170. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 241: Human Nutrition | 3 | C | • Join a student club or professional organization.<br>• Build your professional connections -- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 142: Applied Food Principles | 3 | C | • Develop your skills. |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR HCD 300: Biostatistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Secure a part-time job or volunteer experience.<br>• Use Handshake to research employment opportunities. |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 290: Introduction to Evidence-Based Research in Nutrition (L) | 3 | C | • Develop your professional online presence. |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NTR 341: Medical Nutrition Therapy I | 3 | C | • Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Students must select one of the two tracks listed below to complete the degree.<br>• CHS 260 recommended for Integrative Nutrition track; NTR 390 recommended for Nutrition Research track |
| BCH 361: Advanced Principles of Biochemistry | 3 | C | |
| Track Focus Area Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Track Focus Area Course | 6 | C | • NTR 350 and NTR 480 recommended for Integrative Nutrition track<br>• CHS 494: Capstone and NTR 490 recommended for Nutrition Research track |
| HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB) | 3 | C | |
| NTR 440: Advanced Human Nutrition I | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Track Focus Area Course | 3 | C | • CHS 494: Capstone recommended for both tracks |
| NTR 441: Advanced Human Nutrition II | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

- Students must select one of the two tracks to complete the degree.
- The Research track requires students to six credits of CHS 494 Capstone.

Hide Course List(s)/Track Group(s)

| Integrative Nutrition | Nutrition Research |
|---|---|
| CHS 260: Health Professions Terminology | CHS 494: Capstone |
| CHS 494: Capstone | CHS 494: Capstone |
| NTR 350: Nutrition Counseling | NTR 390: Current Nutrition Research |
| NTR 480: Integrative and Functional Nutrition | NTR 490: Undergraduate Research Methods in Nutrition |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Population Health, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus, West campus
NHPOPHLBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students interested in pursuing graduate school should take a higher level math in term 1 (or later as an elective for those placing into MAT 117 in term 1).<br>• Join a student club or professional organization. |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) | 3 | C | |
| SOC 101: Introductory Sociology (SB) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours may complete CHS 300. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| POP 100: Introduction to Population Health | 3 | C | |
| Elective ( SOS 110 OR SOS 111 recommended) | 3 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s) | 0 | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 280: Experiential Community Health and Research | 3 | | • Secure a part-time job or volunteer experiences.<br>• Become a student member of a professional organization. |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:* Elective ( NTR 100 recommended) | 6 | | |
| Complete Mathematics (MA) requirement | 0 | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| HCD 201: Economics for Health Majors OR ECN 211: Macroeconomic Principles (SB) | 3 | C | • Explore an internship.<br>• MED 394: Topic: Healthcare and Humanities recommended |
| BMI 102: Introduction to Population Health Informatics | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:*<br>Elective ( ENG 203 OR HEP 102 OR MED 394 recommended) | 6 | | |
| Term hours subtotal: | 15 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CHS 340: Health Theory | 3 | C | • Gather professional references. |
| HCD 300: Biostatistics (CS) | 3 | C | |
| HSC 310: Health Communication | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| POP 333: Systems Thinking in Population Health | 3 | C | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | • Develop your professional online presence. |
| HCD 332: Population Health Policy and Legislation | 3 | C | |
| HEP 444: Epidemiology | 3 | C | |
| HCD 402: Health Economics | 3 | C | |
| PBH 422: Health Disparities and Access to Health | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 3 courses:*<br>Track Focus Area Course | 9 | C | • Students must choose a single track from which to complete their degree. The selected track will allow students to move confidently into a career or into an MS in Population Health.<br>• Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| MED 445: Prevention and Management of Chronic Disease | 3 | C | |
| Upper Division Experiential Learning Course | 3 | C | |
| Term hours subtotal: | 15 | | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Experiential Learning Course | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| *Complete 2 courses:*<br>Upper Division Track Focus Area Course | 6 | C | |
| Track Focus Area Course | 3 | C | |
| Elective (ASB 100 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

- Population Health Students must choose a single track from which to complete their degree. The selected track will allow students to move confidently into a career or into an MS in Population Health.

Hide Course List(s)/Track Group(s)

| Health Care Compliance and Regulations Track |
| --- |
| HCR 260: Health Care Industry and Regulation |
| HCR 261: Health Care Compliance |
| HCR 263: Introduction to Medical Billing and Compliance |
| HCR 360: Data Security and Privacy in Health Care Compliance |
| HCR 362: Monitoring and Auditing for Health Care Compliance |
| HCR 460: Investigations and Disclosures in Health Care Compliance |
| HSC 432: Legal Issues in Health Care |

| Experiential Learning Course |
| --- |
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 484: Student Outbreak Response Team |
| CHS 484: Translational Research |
| CHS 493: Honors Thesis (L) |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| CHS 494: Contact Tracing in Population Health |
| CHS 494: Undergraduate Research |
| HCR 471: Interprofessional Education and Community Health |
| POP 444: Population Health Field Experience |

| Health Education Specialist Track |
| --- |
| HEP 241: Health Education Methods for Injury Prevention and Preparedness or HEP 251: Preventing HIV and Substance Abuse or HEP 303: Human Sexuality for Health Education or HEP 350: Substance Abuse and Addictive Behavior or HEP 361: Social Media and Marketing for Health or HEP 371: Conflict Management and Mediation and Violence Prevention or HEP 380: Body Image and Wellness or HEP 443: Emotional Health and Interpersonal Relationships or HEP 476: Community Health |
| HEP 348: Methods of Health Education |
| HEP 452: Health Advocacy in Health Education |
| HEP 454: Health Promotion Program Planning and Implementation |
| HEP 456: Health Promotion Program Evaluation |
| HEP 466: Health Promotion Program Management and Administration |

| Environmental Systems Track |
| --- |
| HEP 394: Health and Climate Change |
| HST 345: Environmental History (L) |
| PAF 340: Contemporary Policy Challenges |
| PBH 435: Environmental and Occupational Health |
| PHI 310: Environmental Ethics (HU) |
| PUP 301: Introduction to Urban Planning (L) |
| SGS 330: Globalization and the Environment: Problems and Solutions |
| SOS 494: Social-ecological Systems & Adaptation |

| Health Systems Design and Improvement Track |
| --- |
| HCD 304: Health Care Finance |
| HCD 330: Health Care Systems in the U.S. |
| HCD 403: Process Engineering |
| HCD 420: Population Health Management |
| HEP 454: Health Promotion Program Planning and Implementation |
| HSC 432: Legal Issues in Health Care |
| SOC 427: Sociology of Health and Illness (SB) |

| Health Informatics Track |
| --- |
| ASM 201: Epidemics and Outbreaks |
| BMI 311: Modeling Biomedical Knowledge |
| BMI 312: Modeling Biomedical Data |
| BMI 410: Database Management in Health Care |
| GIS 205: Geographic Information Science I (CS) |
| GIS 211: Geographic Information Science II (CS) |

| Mental Health Systems Track |
| --- |
| EXW 400: Stress Management for Wellness |
| HCD 420: Population Health Management |
| HEP 350: Substance Abuse and Addictive Behavior |

| Food Systems Track |
| --- |
| AGB 414: Food and Agribusiness Policy Issues (L) |
| ASB 300: Food and Culture ((L or SB) & C) |
| HCR 494: Food Safety and Protection |
| MCO 494: Food and Media |

| | |
|---|---|
| HEP 443: Emotional Health and Interpersonal Relationships | NTR 348: Cultural Aspects of Food (SB & C & G) |
| MED 417: Impact of Violence on Health | PAF 340: Contemporary Policy Challenges |
| PAF 340: Contemporary Policy Challenges | SOS 110: Sustainable World (SB) or SOS 111: Sustainable Cities ((HU or SB) & G) |
| PBH 410: Public Mental Health | SOS 327: Sustainable Food and Farms |

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Health, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NHPBHBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Students interested in pursuing a masters in public health program are encouraged to take MAT 117.<br>• Join a student club or professional organization. |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| POP 100: Introduction to Population Health | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 101: Introductory Chemistry (SQ) | 4 | C | • Create a first draft resume |
| HEP 102: Foundations of Health Education and Health Promotion | 3 | C | |
| HCD 201: Economics for Health Majors OR ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| *Complete 2 courses:* Elective | 5 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSC 210: Cultural Aspects of Health (C) | 3 | C | • Secure a part-time job or volunteer experience |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective (ASB 100 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 300: Biostatistics (CS) | 3 | C | • Thinking about graduate school? Consider registering for a grad school test prep course . |
| HCD 330: Health Care Systems in the U.S. | 3 | C | |
| HSC 310: Health Communication | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 444: Epidemiology | 3 | C | • Explore an internship |
| CHS 340: Health Theory | 3 | C | |
| EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | |
| HCD 332: Population Health Policy and Legislation | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 454: Health Promotion Program Planning and Implementation | 3 | C | • Research employment opportunities |
| HCD 400: Interpreting the Scientific Literature | 3 | C | |
| PBH 422: Health Disparities and Access to Health | 3 | C | |
| PBH 435: Environmental and Occupational Health | 3 | C | |
| POP 444: Population Health Field Experience | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HEP 456: Health Promotion Program Evaluation | 3 | C | • Apply for full-time career opportunities |
| HCD 302: Health Care Management | 3 | C | |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Science of Health Care Delivery, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NHHCDBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU<br>• Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours should complete CHS 300. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students | 3 | C | |
| MAT 117: College Algebra (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POP 100: Introduction to Population Health | 3 | C | • Join a student club or professional organization<br>• Create a first draft resume |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students | 3 | C | |
| PHI 105: Intro to Ethics (HU) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective ( CIS 105 recommended) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSC 210: Cultural Aspects of Health (C) | 3 | C | • Develop your skills |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 3 courses:*<br>Elective ( ACC 231 OR HSE 101 OR LAW 210 OR OGL 200 recommended) | 9 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| HCD 201: Economics for Health Majors | 3 | C | • Explore an internship |
| SOC 101: Introductory Sociology (SB) | 3 | C | |
| *Complete 3 courses:*<br>Elective ( SOC 270 recommended) | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 300: Biostatistics (CS) | 3 | C | • Update your resume |
| HCD 302: Health Care Management | 3 | C | |
| HSC 310: Health Communication | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 303: Global Health Care Systems (G) | 3 | C | • Use Handshake to research employment opportunities<br>• Complete an in person or virtual practice interview |
| HCD 304: Health Care Finance | 3 | C | |
| HCD 330: Health Care Systems in the U.S. | 3 | C | |
| HCD 332: Population Health Policy and Legislation | 3 | C | |
| HCD 420: Population Health Management | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 402: Health Economics | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Students must have a 2.0 ASU cumulative GPA to enroll in HCD 484: Internship.<br>• Apply for full-time career opportunities |
| HSC 432: Legal Issues in Health Care | 3 | C | |
| MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | |
| MED 450: Leadership and Professionalism | 3 | C | |
| Health Administration and Policy Course | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 404: Advanced Concepts in the Science of Health Care Delivery | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| HCD 403: Process Engineering | 3 | C | |
| PBH 422: Health Disparities and Access to Health | 3 | C | |
| Experiential Learning Course | 3 | C | |
| Health Administration and Policy Course | 3 | C | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Experiential Learning Course | Health Administration and Policy Course |
|---|---|
| CHS 394: CHS Peer Instructional Facilitator | ASB 376: Global Health Policy |

- CHS 484: Student Outbreak Response Team
- CHS 484: Translational Research
- CHS 493: Honors Thesis (L)
- CHS 494: Advanced Undergraduate Teaching Assistant
- CHS 494: Contact Tracing in Population Health
- CHS 494: Undergraduate Research
- HCD 484: Internship
- HCR 471: Interprofessional Education and Community Health
- HCD 400: Interpreting the Scientific Literature
- HCI 421: Health Care Policy: The Innovator's View
- HSC 300: Complementary Health Care
- MED 394: Healthcare and Humanities
- MED 417: Impact of Violence on Health
- MGT 380: Management and Strategy for Nonmajors
- MGT 420: Human Resource Management
- OGL 300: Theory and Practice of Leadership
- OGL 320: Foundations of Project Management
- PBH 410: Public Mental Health

**Notes:**

- 
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- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
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General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Speech and Hearing Science, BS

School/College: College of Health Solutions
Location: Tempe campus
LASHSBS

**The BS/MS accelerated option for this program is not currently available to ASU Online students.**

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours should complete CHS 300. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) | 3 | C | • Join a student club or professional organization. |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| SHS 205: Exploring Communication Disorders in Children and Adults | 3 | C | |

| | | |
|---|---|---|
| BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C |
| *Complete 2 courses:*<br>Elective | 6 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 16 | |

| **Term 4** 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SHS 250: Introduction to Phonetics | 3 | C | • Create a first draft resume. |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5** 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SHS 310: Anatomical and Physiological Bases of Speech | 3 | C | • Use Handshake to research employment opportunities. |
| SHS 311: Hearing Science | 3 | C | |
| ENG 301: Writing for the Professions (L) | 3 | C | |
| SHS 367: Language Science (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6** 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SHS 375: Speech Science | 3 | C | • Complete an in person or virtual practice interview. |
| SHS 401: Principles of Audiology | 3 | C | |
| SHS 465: Speech and Language Acquisition (SB) | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7** 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SHS 470: Developmental Speech and Language Disorders | 3 | C | • Gather professional references.<br>• Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| SHS 496: Aural Rehabilitation | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| **Term 8** 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SHS 485: Acquired Speech and Language Disorders | 3 | C | |

| | | |
|---|---|---|
| SHS 402: Clinical Methods and Treatment of Communication Disorders | 3 | C |
| Experiential Learning Course | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 12 | |

- Visit the CHS student website to explore experiential learning opportunities, including research and internships.

Hide Course List(s)/Track Group(s)

| Experiential Learning Course |
|---|
| CHS 280: Experiential Community Health and Research |
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 484: Student Outbreak Response Team |
| CHS 484: Translational Research |
| CHS 493: Honors Thesis (L) |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| CHS 494: Contact Tracing in Population Health |
| CHS 494: Undergraduate Research |
| SHS 484: Internship |
| SHS 484: SLPA Certificate |
| SHS 498: Advanced Research Experience in Speech/Hearing Sci (L) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Speech and Hearing Science, BS

School/College: College of Health Solutions
Location: Online, ASU Local@Los Angeles
LASHSBS

**The BS/MS accelerated option for this program is not currently available to ASU Online students.**

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-ONL: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours should complete CHS 300. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Historical Awareness (H) | 3 | | • View ASU Online first-year student registration information here. |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| SHS 205: Exploring Communication Disorders in Children and Adults | 3 | C | |
| Complete First-Year Composition requirement. | | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 101: Introduction to Physics (SQ) | 4 | C | • Create a first draft resume. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 54 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SHS 250: Introduction to Phonetics | 3 | C | |
| Term hours subtotal: | 3 | | |

| Term 5 - B 54 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SHS 367: Language Science (SB) | 3 | C | • Use Handshake to research employment opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SHS 310: Anatomical and Physiological Bases of Speech | 3 | C | |
| ENG 301: Writing for the Professions (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 66 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ SHS 311: Hearing Science | 3 | C | • Complete an in person or virtual practice interview. |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SHS 375: Speech Science | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SHS 485: Acquired Speech and Language Disorders | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SHS 465: Speech and Language Acquisition (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SHS 470: Developmental Speech and Language Disorders | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Elective | 3 | | • Visit the CHS student website to explore experiential learning opportunities, including research and internships.<br>• Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SHS 402: Clinical Methods and Treatment of Communication Disorders | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SHS 401: Principles of Audiology | 3 | C | • Visit the CHS student website to explore experiential learning opportunities, including research and internships. |
| Experiential Learning Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| SHS 496: Aural Rehabilitation | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

Hide Course List(s)/Track Group(s)

Experiential Learning Course

CHS 280: Experiential Community Health and Research

CHS 394: CHS Peer Instructional Facilitator

CHS 484: Student Outbreak Response Team

CHS 484: Translational Research

CHS 494: Advanced Undergraduate Teaching Assistant

CHS 494: Contact Tracing in Population Health

CHS 494: Undergraduate Research

SHS 484: Internship

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sports Science and Performance Programming, BS

School/College: College of Health Solutions
Location: Downtown Phoenix campus
NHSPTSPPBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| KIN 101: Introduction to Kinesiology | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students interested in pursuing graduate school should take a higher level math in term 1 (or later as an elective for those placing into MAT 117 in term 1).<br>• Join the Athletics Affinity Network.<br>• Join a student club or professional organization. |
| CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • Students who enter the major as freshmen must complete CHS 100; students who enter the major with more than 45 hours may complete CHS 300 instead.<br>• Review scholarship renewal criteria to ensure adequate enrollment. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s) | 0 | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | • Secure a part-time job or volunteer experience.<br>• Become a student member of a professional organization.<br>• Review experiential learning opportunities or explore an internship to prepare for SSP 275 in Term 4. |
| NTR 241: Human Nutrition | 3 | C | |
| SSP 242: Resistance Training Foundations for Performance | 3 | C | |
| STP 226: Elements of Statistics (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR HCD 300: Biostatistics (CS) | 3 | C | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement | 0 | | |

| | | |
|---|---|---|
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 4 45 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Explore an internship.<br>• Practical experience is highly recommended.<br>• Attend a local clinic or conference. |
| KIN 290: Introduction to Evidence-Based Practice (L) | 3 | C | |
| SSP 275: Experiential Seminar for Sports Science | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SSP 325: Applied Anatomy and Biomechanics of Sport and Movement | 4 | C | • Develop your professional online presence .<br>• Thinking about graduate school? Consider registering for a grad school test prep course. |
| SSP 315: Exercise and Sport Physiology AND SSP 316: Exercise and Sport Physiology Laboratory | 4 | C | |
| Upper Division Major Electives | 3 | C | |
| Upper Division Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SSP 434: Plyometrics, Sports Movement and Conditioning | 3 | C | • Gather professional references.<br>• Students are required to attend a pre-internship workshop prior to enrolling in SSP 484.<br>• Review scholarship renewal criteria to ensure adequate enrollment. |
| SSP 460: Resistance Training Application and Theory | 3 | C | |
| KIN 348: Psychological Skills for Optimal Performance (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SSP 461: Performance Programming Components and Periodization | 3 | C | • Students that plan to sit for the CSCS exam may want to take SSP 484 as an Upper Division Major Elective.<br>• Students are required to attend a pre-internship workshop prior to enrolling in SSP 484. |
| SSP 423: Performance Testing and Technology | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SSP 484: Internship | 3 | C | • Register for CSCS exam. |

| | | |
|---|---|---|
| Upper Division Major Electives | 3 | C |
| Upper Division Elective | 1 | |
| *Complete 3 courses:*<br>Elective | 8 | |
| Term hours subtotal: | 15 | |

- Students that plan to sit for the CSCS exam must complete a total of 6 credits of SSP 484: Internship.
- SSP 484 fulfills the college's experiential learning requirement.

Hide Course List(s)/Track Group(s)

| Major Electives |
|---|
| CHS 394: CHS Peer Instructional Facilitator |
| CHS 494: Advanced Undergraduate Teaching Assistant |
| CHS 494: Undergraduate Research |
| CHS 499: Individualized Instruction |
| KIN 345: Motor Behavior |
| KIN 415: Theory of Corrective Exercise |
| KIN 424: Neural Aspects of Movement and Rehabilitation |
| KIN 441: Physiology of Women in Sport (L) |
| KIN 465: Muscle Physiology |
| NTR 457: Sports Nutrition |
| NTR 494: Applied Practice in Nutrition |
| SSP 320: Coaching Leadership, Performance Team and Facility Management |
| SSP 484: Internship |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

**Barrett Academic Course Requirements**

Honors students must maintain high standards of academic performance and show progress toward completion of graduation requirements in their disciplinary majors and in Barrett. In order to graduate from Barrett, students must complete the following, which includes 36 credit hours of honors coursework:

1. *HON 171 The Human Event* and *HON 272 The Human Event* must be completed in sequence during a student's first two semesters in the college.
2. Thirty additional credit hours of honors coursework must be earned with a letter grade of "C" (2.00) or higher. This may include HON prefix classes, honors sections of classes, honors enrichment contracts or any automatic honors courses.
3. Included in the 36 credit hours of honors coursework are at least 18 hours of upper-division or graduate-level honors credits for an earned letter grade of "C" (2.00) or higher, including six credit hours of honors coursework outside the academic major. Students should investigate specialized honors upper-division tracks within their majors.
4. Those admitted as upper-division transfer students (students who, after high school, completed 48 university credits by the time of planned enrollment in Barrett) must complete *HON 370 History of Ideas* in addition to the 18 required hours of upper-division honors coursework. Six of the 21 honors credits must be outside the academic major. A total of 21 hours of upper-division honors coursework are required for these upper-division transfers.
5. Students are required to complete an honors thesis or creative project that will earn them a maximum of six credit hours. These credit hours will be included in the 18 required hours of upper-division honors coursework. The honors thesis or creative project is launched with a prospectus due one academic year before the defense. Prior to enrolling in credit for thesis or creative project work, students must complete a required preparatory workshop or course. The final copy of the honors thesis or creative project must be filed by the posted deadline during the student's graduation semester.
6. ASU graduation requirements in an academic major must be met.
7. Students must earn a cumulative GPA of 3.25 or higher by graduation.

Barrett course requirements may be met in a variety of ways. Only courses in which a student receives a grade of "C" (2.00) or higher may be used to meet Barrett requirements.

Those entering the college as lower-division students may take as many as 18 lower-division honors credits, which include *HON 171 The Human Event* and *HON 272 The Human Event*, and at least 18 upper-division credits (total honors credits must be 36). *HON 171* and *HON 272* are transdisciplinary seminars that acquaint students with ideas that form the foundation of a university education and emphasize critical thinking, discussion and writing.

Those who enter as upper-division students must take 21 upper-division honors credits, including *HON 370 History of Ideas* taught by an Honors Faculty Fellow. Junior-level seminar courses introduce students

to critical thinking, discussion and writing in a topical area chosen by the instructor. All students are expected to complete this course during the first semester upon transferring.

Departmental honors-only courses are limited to honors students. Enrollment in these courses is limited. Compared to their nonhonors equivalents, these courses are designed to offer a richer, more complex intellectual experience appropriate to the discipline and the level of the course for all students enrolled. Other disciplinary honors courses group honors students in small cohorts to work on research projects of common interest.

Honors enrichment contracts are available in many departmental courses, allowing honors students to contract with the instructors of designated nonhonors courses to earn honors credit by pursuing enrichment activities, which include supplemental sessions with the instructor. Honors enrichment contracts must be filed by the student during the first four weeks of class and be completed during the semester in which the course is offered. The enrichment contract form offers guidelines to aid students and faculty in developing appropriate contracts.

Courses reserved for students in Barrett and that always count for honors credit are those listed in the online ASU Class Search/Course Catalog as course numbers 492 *Honors Directed Study*, 493 *Honors Thesis*, 497 *Honors Colloquium*; all classes with the HON prefix; and those with a departmental prefix that carry the honors designation.

Departmental courses numbered 492 and 493 are reserved for honors students completing their honors thesis or creative project. A student may enroll for these courses only with the approval of the sponsoring academic department and of the faculty member who serves as the student's thesis or creative project director. Course numbers listed in the online ASU schedule of classes as 493 fulfill the student's upper-division literacy and critical inquiry (L) General Studies requirement.

Specific courses carry automatic honors credit. These include:

ACT 310 Mathematics of Finance
ACT 430 Mathematics of Financial Derivatives
CEE/CNE 212 Engineering Mechanics II: Dynamics
CEE 486 Integrated Civil Engineering Design
CHE 211 Introduction to Chemical Processing
CPI 310 Web-Based Information Management Systems
CSE 230 Computer Organization and Assembly Language Programming
EEE 230 Computer Organization and Assembly Language Programming
ENG 105 Advanced First-Year Composition
FSE 104 EPICS Gold Feasibility and Planning
FSE 150 Perspectives in Grand Challenges for Engineering
GRK 101 Elementary Ancient Greek
LAT 421 Roman Literature
PHY 201 Mathematical Methods in Physics I

PHY 333 Electronic Circuits and Measurements

Graduate-level courses, 500 level and above, taught in an in-person format automatically earn honors credit.

For a full list of honors courses, including those that carry automatic honors credit, students should visit the Barrett Signature Courses webpage and review the Honors Courses document.

# 2021 - 2022 Major Map

## Applied Biological Sciences (Applied Biological Sciences), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
TSABSABS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student club or professional organization. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence. All other students will complete PHY 101 and elective hours.<br>• Secure a part-time job or volunteer experience. |
| PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Applied Biological Sciences Track | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | • Students considering graduate school or health professions should complete the following: CHM 233 and CHM 237, and CHM 234 and CHM 238 (instead of CHM 231 and CHM 235).<br>• Students considering graduate school or health professions should complete PHY 112 and 114 in term 4 as part of their electives. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| **Term 5** 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 370: Ecology | 3 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Students considering graduate school or health professions should complete CHM 234 and CHM 238 as part of their electives in this term.<br>• Connect with faculty to seek opportunities for research. |
| Applied Biological Sciences Track | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6** 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 360: Animal Physiology | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Applied Biological Sciences Track | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7** 90 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 350: Applied Statistics (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| ABS 490: Applied Biological Sciences Seminar | 1 | C | |
| BIO 340: General Genetics | 4 | C | |
| Upper Division Applied Biological Sciences Track | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| **Term 8** 104 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Applied Biological Sciences Track | 6 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 10 | | |
| Term hours subtotal: | 16 | | |

- Students select one of two Applied Biological Sciences Tracks and complete 18 hours from within that track.

Hide Course List(s)/Track Group(s)

| Applied Biological Sciences Health Track |
| --- |
| ABS 302: Ethical and Policy Issues in Biology |
| ABS 312: Structure and Function |
| ABS 318: Unseen Life on Earth |
| ABS 355: Ecology and Adaptations of Vertebrates |
| ABS 394: Food and Human Health |
| ABS 394: Medicine and Culture |
| ABS 494: Natural Products & Drug Discovery |
| ABS 417: Comparative Immunology |
| ABS 484: Internship |
| ABS 494: Anatomy Practicum |
| ABS 494: Emerging Infections & Epidemics |
| BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory |
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 202: Human Anatomy and Physiology II (SG) |
| BIO 351: Developmental Biology |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) |
| SPA 294: Intermediate Spanish for Health Professionals |

| Applied Biological Sciences General Biology Track |
| --- |
| ABS Elective |
| BIO Elective |
| BCH Elective |
| MIC Elective |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Biological Sciences (Natural Resource Ecology), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSABSNRBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-CLS: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU. |
| BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student club or professional organization. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 28 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • Students in the Wildlife Track should take ABS 274. Students in the Rangelands/Watershed Track should take ABS 225/226.<br>• Secure a part-time job or volunteer experience. |
| ABS 274: Introduction to Wildlife Management OR ABS 225: Soils (SQ) AND ABS 226: Soils Laboratory (SQ) | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 17 | | |

| Term 4 45 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ABS 207: Applied Plant Taxonomy | 3 | C | • Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All other students will complete CHM 231/235. |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 350: Applied Statistics (CS) | 3 | C | • Students considering graduate school should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students can complete PHY 101.<br>• Build your professional connections -- join the ASU Mentor Network<br>• Connect with faculty to seek opportunities for research. |
| ABS 370: Ecology | 3 | C | |
| Upper Division Natural Resource Ecology Track | 3 | C | |
| PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 360: Animal Physiology | 3 | C | • Students in the Wildlife Track should take ABS 355. Students in the Rangelands/Watershed Track should take ABS 430.<br>• Use Handshake to research employment opportunities. |
| ABS 355: Ecology and Adaptations of Vertebrates OR ABS 430: Watershed Management | 3 | C | |
| Upper Division Natural Resource Ecology Track | 3 | C | |
| Natural Resource Ecology Track | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 490: Applied Biological Sciences Seminar | 1 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| BIO 340: General Genetics | 4 | C | |
| Upper Division Natural Resource Ecology Track | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 14 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 479: Ecosystem Management and Planning (L) | 3 | C | |
| ABS 484: Internship OR Upper Division Elective | 3 | | |
| Upper Division Elective | 4 | | |
| Elective | 4 | | |
| Term hours subtotal: | 14 | | |

- Students select one of three Natural Resource Ecology Tracks and complete 12 hours from within that track.

Hide Course List(s)/Track Group(s)

| General Track (12 Credits) | Wildlife Track (12 Credits) | Rangeland and Watershed Track (12 Credits) |
|---|---|---|
| ABS 270: Sustainable Biological Systems | ABS 270: Sustainable Biological Systems | ABS 270: Sustainable Biological Systems |
| ABS 312: Structure and Function | ABS 376: Wildlife Ecology | ABS 368: Plant Propagation |
| ABS 318: Unseen Life on Earth | ABS 378: Animal Nutrition | ABS 376: Wildlife Ecology |
| ABS 376: Wildlife Ecology | ABS 384: Natural Resources Measurements | ABS 380: Restoration and Wildlife Plants |
| ABS 378: Animal Nutrition | ABS 470: Life History of Mammals | ABS 384: Natural Resources Measurements |
| ABS 380: Restoration and Wildlife Plants | ABS 472: Applied Herpetology | ABS 434: Soil Ecology |
| ABS 384: Natural Resources Measurements | ABS 473: Applied Ornithology | ABS 440: Ecological Restoration Techniques |
| ABS 417: Comparative Immunology | ABS 475: Habitat Management for Small Wildlife | ABS 441: Ecological Restoration Practicum |
| ABS 434: Soil Ecology | ABS 476: Big Game Habitat Management | ABS 474: Riparian Ecosystem Management |
| ABS 440: Ecological Restoration Techniques | ABS 485: GIS in Natural Resources | ABS 476: Big Game Habitat Management |
| ABS 441: Ecological Restoration Practicum AND ABS 470: Life History of Mammals | ABS 486: Introduction to Remote Sensing | ABS 481: Riparian and Wetland Restoration |
| ABS 472: Applied Herpetology | ABS 494: Applied Populations and Habitat Ecology | ABS 485: GIS in Natural Resources |
| ABS 473: Applied Ornithology | ABS 494: Emerging Infections & Epidemics | ABS 486: Introduction to Remote Sensing |
| ABS 474: Riparian Ecosystem Management | | ABS 494: Applied Populations and Habitat Ecology |
| ABS 485: GIS in Natural Resources | | ABS 494: Rangeland Ecosystem Management |
| ABS 486: Introduction to Remote Sensing | | |
| ABS 489: Undergraduate Research | | |
| ABS 494: Applied Populations and Habitat Ecology | | |
| ABS 494: Emerging Infections & Epidemics | | |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

**Total Hours:** 120 **General University Requirements Legend**

**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Biological Sciences (Preveterinary Medicine), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSABSPMBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student club or professional organization. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • Secure a part-time job or volunteer experience. |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| ABS 271: Veterinary Medicine Today | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 17 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 48 - 62 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete ABS 271 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 360: Animal Physiology | 3 | C | • Build your professional connections -- join the ASU Mentor Network<br>• Connect with faculty to seek opportunities for research. |
| ABS 370: Ecology | 3 | C | |
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Upper Division Pre-Veterinary Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 355: Ecology and Adaptations of Vertebrates | 3 | C | • Use Handshake to research employment opportunities. |
| BIO 340: General Genetics | 4 | C | |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| Upper Division Pre-Veterinary Elective | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 92 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 490: Applied Biological Sciences Seminar | 1 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| ABS 350: Applied Statistics (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| BCH 361: Advanced Principles of Biochemistry | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 14 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 378: Animal Nutrition | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Pre-Veterinary Elective | 6 | C | |
| ABS 484: Internship OR Upper Division Elective | 3 | | |

| | | |
|---|---|---|
| Elective | 2 | |
| Term hours subtotal: | 14 | |

Hide Course List(s)/Track Group(s)

Pre-Veterinary Electives (12 Hours Required)

- ABS 302: Ethical and Policy Issues in Biology
- ABS 312: Structure and Function
- ABS 318: Unseen Life on Earth
- ABS 372: Captive Animal Behavior Management
- ABS 376: Wildlife Ecology
- ABS 394: Animal Anatomy
- ABS 394: Introduction to Equine Science
- ABS 394: Small Animal Veterinary Topics
- ABS 417: Comparative Immunology
- ABS 470: Life History of Mammals
- ABS 472: Applied Herpetology
- ABS 473: Applied Ornithology
- ABS 484: Internship
- ABS 494: Anatomy Practicum
- ABS 494: Emerging Infections & Epidemics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Biological Sciences (Preveterinary Medicine), BS

School/College: College of Integrative Sciences and Arts
Location: Online, ASU Local@Los Angeles
LSABSPMBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

| Term 1 - A 0 - 8 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-ONL: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 8 | | |

| Term 1 - B 8 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • View ASU Online first-year student registration information here.<br>• Select your Career Interest Communities and play me3@ASU. |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 15 - 22 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 29 - 36 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ABS 271: Veterinary Medicine Today | 3 | C | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 36 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | • Secure a part-time job or volunteer experience. |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 43 - 50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Complete ABS 271 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 50 - 59 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • COM 225 Public Speaking (L) is recommended for students wishing to pursue veterinary school. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 59 - 68 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 311: Molecular and Cellular Biology OR BIO 360: Animal Physiology | 3 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Connect with faculty to seek opportunities for research. |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 68 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | |
| ABS 370: Ecology | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 75 - 81 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 355: Ecology and Adaptations of Vertebrates | 3 | C | |
| CHM 233: General Organic Chemistry I | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 81 - 87 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 234: General Organic Chemistry II | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Pre-Veterinary Elective | 3 | C | |

| | | |
|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Summer 6 87 - 89 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | • ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Term hours subtotal: | 2 | | |

| Term 7 - A 89 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BCH 361: Advanced Principles of Biochemistry | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| ABS 490: Applied Biological Sciences Seminar | 1 | C | |
| Upper Division Pre-Veterinary Elective | 3 | C | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 8 | | |

| Term 7 - B 97 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ABS 350: Applied Statistics (CS) | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 106 - 112 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ABS 378: Animal Nutrition | 3 | C | |
| ABS 484: Internship OR Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 112 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Pre-Veterinary Elective | 6 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 8 | | |

Hide Course List(s)/Track Group(s)

Pre-Veterinary Electives (12 Hours Required)

ABS 302: Ethical and Policy Issues in Biology

ABS 312: Structure and Function

ABS 318: Unseen Life on Earth

ABS 372: Captive Animal Behavior Management

ABS 376: Wildlife Ecology

ABS 394: Animal Anatomy

ABS 394: Introduction to Equine Science

ABS 394: Small Animal Veterinary Topics

ABS 417: Comparative Immunology

ABS 470: Life History of Mammals

ABS 472: Applied Herpetology

ABS 473: Applied Ornithology

ABS 484: Internship

ABS 494: Anatomy Practicum

ABS 494: Emerging Infections & Epidemics

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Biological Sciences (Secondary Education in Biology), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
TSABSSBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) ( HST 109 recommended) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student club or professional organization. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) ( SPE 222 recommended) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • Secure a part-time job or volunteer experience.<br>• Apply for an Identity Verified Print (IVP) DPS fingerprint card, required by state law for participation in internships in 6-12th grade schools. |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 45 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Literacy and Critical Inquiry (L) | 3 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Elective | 3 | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | |
| Term hours subtotal: | 16 | |

- Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students will complete PHY 101.
- Meet with a Teachers College advisor early in the semester to submit an "Intent to Progress" form that indicates you will be ready to enroll in your first internship the following term. You will upload a copy of your IVP fingerprint clearance card with this form, as required by state law. Teachers College will then invite you to attend a mandatory Professional Pathways Orientation.

| **Term 5 61 - 78 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| ABS 350: Applied Statistics (CS) | 3 | C |
| ABS 370: Ecology | 3 | C |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C |
| SED 396: Clinical Experience I | 1 | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 17 | |

- Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All other students will complete CHM 231/235.
- During your clinical experience internships, you will work alongside a lead teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 5-8.
- Connect with faculty to seek opportunities for research.

| **Term 6 78 - 94 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 360: Animal Physiology | 3 | C |
| BLE 407: SEI for Secondary Students (L) | 3 | C |
| SED 397: Clinical Experience II | 1 | C |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C |
| ABS 207: Applied Plant Taxonomy OR ABS 355: Ecology and Adaptations of Vertebrates OR BCH 361: Advanced Principles of Biochemistry | 3 | |
| BIO 480: Methods of Teaching Biology | 3 | C |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- Use Handshake to research employment opportunities.
- Meet with a Mary Lou Fulton Teachers College Advisor about Secondary Education requirements.

| **Term 7 94 - 108 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| ABS 490: Applied Biological Sciences Seminar | 1 | C |
| BIO 340: General Genetics | 4 | C |
| RDG 323: Literacy Processes in Content Areas | 3 | C |

- Gather professional references.
- Apply for full-time career opportunities.
- Students seeking teacher certification must pass required educator exams. Please speak

| | | | |
|---|---|---|---|
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | with your Teachers College advisor to plan appropriately. |
| SED 496: Clinical Experience III | 1 | C | |
| Elective | 2 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| **Term 8 108 - 120 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Biological Sciences (Sustainable Horticulture), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
TSABSUBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students will complete PHY 101.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 28 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Secure a part-time job or volunteer experience. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 44 - 58 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ABS 260: Fundamentals of Sustainable Horticulture (SG) | 4 | C |
| CHM 116: General Chemistry II (SQ) | 4 | C |
| Sustainable Horticulture Elective | 3 | C |
| Humanities, Arts and Design (HU) | 3 | |
| Term hours subtotal: | 14 | |

- Sustainable Horticulture Elective chosen from list below.

| Term 5 58 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 363: Sustainable Landscape Practice | 4 | C | |
| ABS 370: Ecology | 3 | C | |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 17 | | |

- Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All other students will complete CHM 231/235.
- Build your professional connections -- join the ASU Mentor Network.
- Connect with faculty to seek opportunities for research.

| Term 6 75 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 368: Plant Propagation | 3 | C | |
| BIO 340: General Genetics | 4 | C | |
| ABS 362: Landscape Plants | 4 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

- Use Handshake to research employment opportunities.

| Term 7 89 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 353: Cell Biology OR BIO 360: Animal Physiology | 3 | C | |
| ABS 350: Applied Statistics (CS) | 3 | C | |
| ABS 464: Desert Horticulture | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Gather professional references.
- Apply for full-time career opportunities.

| Term 8 104 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS 490: Applied Biological Sciences Seminar | 1 | C | |

| | | | |
|---|---|---|---|
| ★ Upper Division Sustainable Horticulture Elective | | 3 | C |
| *Complete 2 courses:* Upper Division Elective | | 5 | |
| *Complete 2 courses:* Elective | | 7 | |
| | Term hours subtotal: | 16 | |

Hide Course List(s)/Track Group(s)

Sustainable Horticulture Elective

- ABS 225: Soils (SQ)
- ABS 318: Unseen Life on Earth
- ABS 364: Urban Forestry
- ABS 394: Future of Agriculture: Vertical Farming
- ABS 460: Organic Gardening
- ABS 462: Greenhouse/Nursery Management
- ABS 484: Internship

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Mathematics, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSMATBS

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU. |
| MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 13-14 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Students will choose one of the following science course sequences to complete: BIO 181 and BIO 182 OR CHM 113 and CHM 116 OR CHM 114 and CHM 116 OR CHM 117 and CHM 118 OR PHY 121/122 and PHY 131/132.<br>• Join a student club or professional organization. |
| MAT 266: Calculus for Engineers II (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | C | |
| BIO 181: General Biology I (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) OR CHM 117: General Chemistry for Majors I (SQ) OR PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16-17 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) OR CHM 116: General Chemistry II (SQ) OR CHM 118: General Chemistry for Majors II (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | • Students will choose one of the following science course sequences to complete: BIO 181 and BIO 182 OR CHM 113 and CHM 116 OR CHM 114 and CHM 116 OR CHM 117 and CHM 118 OR PHY 121/122 and PHY 131/132. |
| MAT 267: Calculus for Engineers III (MA) OR MAT 272: Calculus with Analytic Geometry III (MA) | 3-4 | C | |
| Global Awareness (G) | 3 | | |

| | | | |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | • Secure a part-time job or volunteer experience. |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16-17 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 243: Discrete Mathematical Structures | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 343: Applied Linear Algebra | 3 | C | • Build your professional connections -- join the ASU Mentor Network<br>• Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts academic advisor.<br>• Connect with faculty to seek opportunities for research. |
| STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Upper Division STEM Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Applied Mathematics Elective | 6 | C | • Use Handshake to research employment opportunities.<br>• Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts academic advisor. |
| Upper Division STEM Elective | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Applied Mathematics Elective | 3 | C | • Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts academic advisor.<br>• Gather professional references.<br>• Apply for full-time career opportunities. |
| MAT 495: Undergraduate Research OR MAT 4** Elective OR STP 4** Elective | 3 | C | |
| Upper Division STEM Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| MAT 484: Internship OR Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Applied Mathematics Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| *Complete 2 courses:* | | | |

| | |
|---|---|
| Elective | 6 |
| Term hours subtotal: | 15 |

- Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts advisor.
- Students must complete a minimum of 12 credit hours of MAT courses offered by the College of Integrative Sciences and Arts. Six of these 12 credits must be upper division.

Hide Course List(s)/Track Group(s)

| Upper Division Applied Mathematics Electives |
|---|
| MAT 300: Mathematical Structures (L) |
| MAT 310: Introduction to Geometry |
| MAT 350: Techniques and Applications of Applied Mathematics |
| MAT 394: Special Topics |
| MAT 450: Mathematical Models in Biology |
| MAT 452: Introduction to Chaos and Nonlinear Dynamics |
| MAT 462: Applied Partial Differential Equations |
| MAT 494: Special Topics |
| MAT 499: Individualized Instruction |
| STP 421: Probability |

| Upper Division STEM Electives |
|---|
| ABS Upper Division Elective |
| BIO Upper Division Elective |
| CHM Upper Division Elective |
| CSE Upper Division Elective |
| EGR Upper Division Elective |
| ERM Upper Division Elective |
| GIT Upper Division Elective |
| HSE Upper Division Elective |
| IFT Upper Division Elective |
| PHY Upper Division Elective |
| SER Upper Division Elective |
| STP Upper Division Elective |

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
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**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Physics, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSAPHYBS

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | • Join a student club or professional organization. |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 28 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • Secure a part-time job or volunteer experience. |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| PHY 201: Mathematical Methods in Physics I (CS) | 3 | C |
| PHY 252: Physics III (SQ) | 4 | C |
| Historical Awareness (H) | 3 | |
| Literacy and Critical Inquiry (L) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 16 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 302: Mathematical Methods in Physics II | 3 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Connect with faculty to seek opportunities for research. |
| PHY 314: Quantum Physics I | 3 | C | |
| Upper Division Applied Physics Electives | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 315: Quantum Physics II | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Applied Physics Electives | 3 | C | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 331: Principles of Modern Electromagnetism | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| PHY 460: Numerical Methods in Modern Physics | 3 | C | |
| PHY 361: Introductory Modern Physics | 3 | C | |
| Upper Division Applied Physics Electives | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 444: Fundamentals of Nanoscience | 3 | C | |
| PHY 499: Individualized Instruction | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| PHY 484: Internship OR Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| |
|---|
| Applied Physics Electives (Complete 9 Credit Hours) |
| MAT 343: Applied Linear Algebra |
| PHY 321: Vector Mechanics and Vibration |
| PHY 333: Electronic Circuits and Measurements |
| PHY 416: Quantum Physics III |
| PHY 456: Laser Optics |
| PHY 495: Project Research |
| STP 420: Introductory Applied Statistics (CS) |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of PHY courses offered by the College of Integrative Sciences and Arts. At least six of these 12 credits must be upper-division.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Quantitative Science, BS

School/College: College of Integrative Sciences and Arts
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus, West campus
LSAQSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) | 3 | | • SU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Statistics | 3 | C | • Secure a part-time job or volunteer experience.<br>• Statistics Requirement Course List Options. |
| Global Awareness (G) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Technical/Professional Communication | 3 | C | • Major Requirement Course List Options. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Statistics | 3 | C | • Build your professional connections -- join the ASU Mentor Network<br>• Major Requirement Course List Options.<br>• Connect with faculty to seek opportunities for research. |
| *Complete 2 courses:* Upper Division Major Electives | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer Skills | 3 | C | • Use Handshake to research employment opportunities.<br>• Major Requirement Course List Options . |
| *Complete 2 courses:* Upper Division Major Electives | 6 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Electives | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities.<br>• Major Requirement Course List Options. |
| Research and Analysis | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Capstone/Project | 3 | C | • Major Requirement Course List Options. |
| Upper Division Major Electives | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- 
- This degree is only available as a concurrent degree at the Downtown Phoenix, Polytechnic, Tempe and West campuses.

- Major Requirement Course list options can be found on the College of Integrative Sciences and Arts website: cisa.asu.edu/applied-quantitative-sciences-degree-courses-list

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Applied Leadership), BAS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus, ASU@Cochise, ASU@Pima, ASU@Pinal, ASU@The Gila Valley, ASU@Yavapai
LSALSBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Degree Transfer Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 300: Theory and Practice of Leadership | 3 | C | • Complete two courses of OGL 340 in this term.<br>• Build your professional connections -- join the ASU Mentor Network |
| ★ OGL 345: Organizational Ethics (HU) | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 320: Foundations of Project Management | 3 | C | • Use Handshake to research employment opportunities. |
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| OGL 343: Social Processes in Organizations (SB) OR OGL 357: Assessment in Organizations | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 355: Leading Organizational Innovation and Change | 3 | C | |

| | | | |
|---|---|---|---|
| OGL 340: Special Topics | 3 | C | • Complete two courses of OGL 340 in this term.<br>• Gather professional references.<br>• Apply for full-time career opportunities. |
| OGL 340: Special Topics | 3 | C | |
| OGL 365: Organizational Contexts (SB) OR OGL 321: Project Leadership, Strategy and Scope | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 8** 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | |
| ★ OGL 482: Organizational Leadership Pro-Seminar II (L) | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| *Complete 2 courses:*<br>Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Applied Leadership), BAS

School/College: College of Integrative Sciences and Arts
Location: Online, ASU Local@Los Angeles
LSALSBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Degree Transfer Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn an ASU BAS degree.<br>• Students should work with their academic advisor to run a DARs graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 300: Theory and Practice of Leadership | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 78 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 340: Special Topics | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| OGL 343: Social Processes in Organizations (SB) OR OGL 357: Assessment in Organizations | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 355: Leading Organizational Innovation and Change | 3 | C | • Use Handshake to research employment opportunities. |
| Any needed lower division General Studies requirement OR Elective | 3 | | |

| | | |
|---|---|---|
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 345: Organizational Ethics (HU) | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 320: Foundations of Project Management | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| OGL 340: Special Topics | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 108 - 114 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | |
| OGL 365: Organizational Contexts (SB) OR OGL 321: Project Leadership, Strategy and Scope | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 482: Organizational Leadership Pro-Seminar II (L) | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total Community College Hrs:** 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Project Management), BAS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus, Tempe campus
LSAPSPMBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Degree Transfer Block | 60 | | • Students may meet lower-division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn an ASU BAS degree.<br>• Students should work with their academic advisor to run a DARs graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 300: Theory and Practice of Leadership | 3 | C | • Build your professional connections -- join the ASU Mentor Network. |
| ★ OGL 345: Organizational Ethics (HU) | 3 | C | |
| OGL 320: Foundations of Project Management | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Any needed lower-division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | • Use Handshake to research employment opportunities. |
| OGL 321: Project Leadership, Strategy and Scope | 3 | C | |
| OGL 322: Project Time Management | 3 | C | |
| OGL 323: Project Cost Management | 3 | C | |
| OGL 324: Resources in Project Management | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 340: Special Topics | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| OGL 326: Project Procurement Management | 3 | C | |

| | | |
|---|---|---|
| OGL 421: Project Risk Management | 3 | C |
| OGL 422: Project Quality Management | 3 | C |
| Any needed lower-division General Studies requirement OR Elective | 3 | |
| Term hours subtotal: | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| *Complete 3 courses:*<br>Any needed lower-division General Studies requirement OR Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students should consult with their academic advisor to ensure that all ASU General Studies requirements will be completed for graduation.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Project Management), BAS

School/College: College of Integrative Sciences and Arts
Location: Online, ASU Local@Los Angeles
LSAPSPMBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Degree Transfer Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 300: Theory and Practice of Leadership | 3 | C | |
| OGL 320: Foundations of Project Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 345: Organizational Ethics (HU) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| OGL 340: Special Topics | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 75 - 81 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 321: Project Leadership, Strategy and Scope | 3 | C | |
| OGL 322: Project Time Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | • Use Handshake to research employment opportunities. |
| OGL 323: Project Cost Management | 3 | C | |
| OGL 324: Resources in Project Management | 3 | C | |

| | | |
|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 9 | |

| Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 340: Special Topics | 3 | C | |
| OGL 326: Project Procurement Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 421: Project Risk Management | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| OGL 422: Project Quality Management | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 340: Special Topics | 3 | C | |
| *Complete 2 courses:*<br>Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Technical Communication), BAS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSTECBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Degree Transfer Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| ★ TWC 401: Fundamentals of Technical Communication (L) | 3 | C | |
| ★ TWC 347: Written Communication for Managers (L) | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 421: Principles of Web Authoring (L) | 3 | C | • Use Handshake to research employment opportunities. |
| ★ TWC 431: Principles of Technical Editing | 3 | C | |
| STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Upper Division Elective | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 411: Principles of Visual Communication (L) | 3 | C | • Gather professional references. |

| | | | |
|---|---|---|---|
| TWC 443: Grant & Proposal Writing OR TWC 444: User Experience OR TWC 445: Content Strategy OR TWC 446: Technical and Scientific Reports (L) | 3 | C | • Apply for full-time career opportunities. |
| *Complete 2 courses:*<br>TWC Upper Division Elective | 6 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| TWC 490: Capstone | 3 | C | |
| TWC 451: Copyright and Intellectual Property in the Electronic Age OR TWC 452: Information in the Digital Age OR TWC 453: Information and Communications Technology in American History (L & H) OR TWC 454: Information Technology and Culture (C) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Communication, BA

School/College: College of Integrative Sciences and Arts
Location: Downtown Phoenix campus, Polytechnic campus
LSCOMBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 207: Introduction to Communication Inquiry | 3 | C | • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Language and Cultures: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* OR Completion of COM 263 AND COM 371. | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | C | • Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |

| | | |
|---|---|---|
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 308: Advanced Research Methods in Communication (L) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| COM 420: Rhetoric and Community Advocacy OR COM 428: Graphic Novels and Popular Culture (HU) OR COM 464: Communicative Sexualities (SB) OR COM 467: Digital Rhetoric | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Language and Cultures: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* OR Completion of COM 263 AND COM 371. | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Communication Track | 3 | C | • Students select one of three Communication Tracks and complete 9 hours from within that track.<br>• Use Handshake to research employment opportunities. |
| COM 420: Rhetoric and Community Advocacy OR COM 428: Graphic Novels and Popular Culture (HU) OR COM 464: Communicative Sexualities (SB) OR COM 467: Digital Rhetoric | 3 | C | |
| COM Upper Division Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Communication Track | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| COM Upper Division Elective | 3 | C | |
| Historical Awareness (H) | 3 | | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Communication Track | 3 | C | |
| COM Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- Students select one of three Communication Tracks and complete 9 hours from within that track.

Hide Course List(s)/Track Group(s)

| Culture, Power and Media Track |
|---|
| COM 316: Gender and Communication (SB & C) |
| COM 323: Communication Approaches to Popular Culture (C) |
| COM 363: Latinxs and the Media (C) |
| COM 364: Cultural Communicology (SB) |
| COM 371: Language, Culture, and Communication (SB & C & G) |
| COM 420: Rhetoric and Community Advocacy |
| COM 428: Graphic Novels and Popular Culture (HU) |
| COM 463: Intercultural Communication in a Global Context (SB & G) |
| COM 464: Communicative Sexualities (SB) |
| COM 484: Internship |

| Community Advocacy and Public Influence Track |
|---|
| COM 312: Communication, Conflict, and Negotiation |
| COM 316: Gender and Communication (SB & C) |
| COM 319: Persuasion and Social Influence (SB) |
| COM 320: Communication and Consumerism (SB) |
| COM 321: Rhetorical Theory and Research ((L or HU) & H) |
| COM 323: Communication Approaches to Popular Culture (C) |
| COM 326: Court Room Oratory |
| COM 341: Social Contexts for Performance |
| COM 420: Rhetoric and Community Advocacy |
| COM 421: Rhetoric of Social Issues (HU) |
| COM 422: Advanced Argumentation (L) |
| COM 426: Political Communication (SB) |
| COM 428: Graphic Novels and Popular Culture (HU) |
| COM 467: Digital Rhetoric |
| COM 484: Internship |

| Communication, Technology and Society Track |
|---|
| COM 319: Persuasion and Social Influence (SB) |
| COM 320: Communication and Consumerism (SB) |
| COM 323: Communication Approaches to Popular Culture (C) |
| COM 394: Communication in the Electronic Age |
| COM 420: Rhetoric and Community Advocacy |
| COM 421: Rhetoric of Social Issues (HU) |
| COM 422: Advanced Argumentation (L) |
| COM 428: Graphic Novels and Popular Culture (HU) |
| COM 467: Digital Rhetoric |
| COM 484: Internship |

| Related Area Courses |
|---|
| ENG 317: Cross-Cultural Writing ((L or HU) & G) |

HST 314: American Cultural History Since 1865 ((HU or SB) & H)

JUS 432: Racial Justice (L)

MCO 418: History of Mass Communication (SB & H)

MCO 450: Visual Communication (HU)

MCO 456: Political Communication (SB)

MCO 460: Race, Gender, and Media (C)

PHI 306: Applied Ethics (HU)

POS 346: Problems of Democracy (HU)

POS 350: Comparative Politics (SB & G)

POS 435: Women and Politics (SB & C)

POS 442: American Political Thought (HU)

STS 330: Information Technology and Globalization (SB & G)

STS 425: Law, Values, Science, and Technology (SB)

TWC 301: Fundamentals of Writing for Digital Media (L)

TWC 411: Principles of Visual Communication (L)

TWC 452: Information in the Digital Age

TWC 453: Information and Communications Technology in American History (L & H)

WST 375: Women and Social Change (SB & C)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 upper division credit hours of COM courses offered by the College of Integrative Sciences and Arts.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Counseling and Applied Psychological Science, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSCAPSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 120: Introduction to Counseling (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 240: Counseling Skills | 3 | C | • Join a student club or professional organization. |
| PSY 230: Introduction to Statistics (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 220: Self in a Multicultural Society (C) | 3 | C | • Secure a part-time job or volunteer experience. |
| PSY 290: Research Methods (L or SG) | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ABS OR BIO OR MIC course (SQ) | 4 | | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 310: Addictions I: Foundations and Basic Principles | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| CED 250: Career Development (L) | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 320: Theories of Counseling and Psychotherapy | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 484: Internship | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Elective | 3 | | |

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

| Counseling and Applied Psychological Sciences A Courses |
| --- |
| CAP 315: Trauma and Crisis Intervention |
| CAP 325: Professional Practice and Ethics in Counseling |
| CAP 330: Group Counseling |
| CAP 335: Addiction Group Counseling |
| CAP 340: Multicultural Counseling Theory and Practice |
| CAP 342: Community Outreach, Prevention and Intervention |
| CAP 351: Issues in Assessment, Diagnosis and Treatment |
| CAP 400: Advanced Counseling Research Methods |
| CAP 420: School Counseling |
| CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention |
| JUS 305: Principles of Justice Studies (SB) |

| Counseling and Applied Psychological Sciences B Courses |
| --- |
| FAS 331: Marriage and Family Relationships (SB) |
| FAS 370: Family Ethnic and Cultural Diversity (SB & C) |
| PSY 315: Personality Theory and Research (SB) |
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |
| PSY 325: Physiological Psychology |
| PSY 330: Statistical Methods (CS) |
| PSY 341: Developmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |
| PSY 369: Biology of Human Sexuality |
| PSY 370: Interpersonal Relationships (SB) |
| PSY 385: Psychology of Gender (SB) |
| PSY 399: Supervised Research |
| PSY 425: Biological Bases of Behavior (L) |
| PSY 444: Adolescent Psychology and Psychopathology |
| PSY 447: Psychology of Aging (SB) |
| PSY 465: Psychology of Stress and Coping |
| PSY 470: Psychopharmacology |
| PSY 472: Clinical Psychology |
| PSY 499: Individualized Instruction |
| SOC 315: Courtship and Marriage (SB) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Counseling and Applied Psychological Science, BS

School/College: College of Integrative Sciences and Arts
Location: Online, ASU Local@Los Angeles
LSCAPSBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 120: Introduction to Counseling (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. |
| ASU 101-ONL: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Select your career interest communities and play me3@ASU. |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 240: Counseling Skills | 3 | C | • Join a student club or professional organization. |
| PSY 230: Introduction to Statistics (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 25 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 31 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 220: Self in a Multicultural Society (C) | 3 | C | • Secure a part-time job or volunteer experience. |
| PSY 290: Research Methods (L or SG) | 4 | C | |

| | | | |
|---|---|---|---|
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 10 | | |

| Term 3 - B 41 - 47 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 47 - 54 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ABS OR BIO OR MIC course (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 54 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 63 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 310: Addictions I: Foundations and Basic Principles | 3 | C | • Build your professional connections -- join the ASU Mentor Network. |
| Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 72 - 81 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CED 250: Career Development (L) | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 81 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 320: Theories of Counseling and Psychotherapy | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 90 - 96 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

| | | | |
|---|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| | Term hours subtotal: | 6 | |

| Term 7 - A 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 484: Internship | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

| Counseling and Applied Psychological Sciences A Courses |
|---|
| CAP 315: Trauma and Crisis Intervention |
| CAP 325: Professional Practice and Ethics in Counseling |
| CAP 330: Group Counseling |
| CAP 340: Multicultural Counseling Theory and Practice |
| JUS 305: Principles of Justice Studies (SB) |

| Counseling and Applied Psychological Sciences B Courses |
|---|
| FAS 331: Marriage and Family Relationships (SB) |
| FAS 370: Family Ethnic and Cultural Diversity (SB & C) |
| PSY 315: Personality Theory and Research (SB) |
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |
| PSY 330: Statistical Methods (CS) |
| PSY 341: Developmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |

PSY 385: Psychology of Gender (SB)

PSY 399: Supervised Research

PSY 499: Individualized Instruction

SOC 315: Courtship and Marriage (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSCAPSAABS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 120: Introduction to Counseling (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 220: Self in a Multicultural Society (C) | 3 | C | • Join a student club or professional organization. |
| PSY 230: Introduction to Statistics (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 240: Counseling Skills | 3 | C | • Secure a part-time job or volunteer experience. |
| PSY 290: Research Methods (L or SG) | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 47 - 60 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | |
| Global Awareness (G) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 13 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 310: Addictions I: Foundations and Basic Principles | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| CAP 325: Professional Practice and Ethics in Counseling | 3 | C | |
| CAP 340: Multicultural Counseling Theory and Practice | 3 | | |
| CED 250: Career Development (L) | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 320: Theories of Counseling and Psychotherapy | 3 | C | • Use Handshake to research employment opportunities. |
| CAP 335: Addiction Group Counseling | 3 | C | |
| CAP 351: Issues in Assessment, Diagnosis and Treatment | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 470: Psychopharmacology | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CAP 484: Internship | 3 | C | |
| *Complete 2 courses:* Upper Division Counseling and Applied Psychological Sciences Courses | 6 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Counseling and Applied Psychological Sciences Courses |
| --- |
| CAP 315: Trauma and Crisis Intervention |
| CAP 330: Group Counseling |
| CAP 342: Community Outreach, Prevention and Intervention |
| CAP 400: Advanced Counseling Research Methods |
| CAP 420: School Counseling |
| FAS 331: Marriage and Family Relationships (SB) |
| FAS 370: Family Ethnic and Cultural Diversity (SB & C) |
| JUS 305: Principles of Justice Studies (SB) |
| PSY 315: Personality Theory and Research (SB) |
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |
| PSY 325: Physiological Psychology |
| PSY 330: Statistical Methods (CS) |
| PSY 341: Developmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |
| PSY 369: Biology of Human Sexuality |
| PSY 370: Interpersonal Relationships (SB) |
| PSY 385: Psychology of Gender (SB) |
| PSY 399: Supervised Research |
| PSY 425: Biological Bases of Behavior (L) |
| PSY 444: Adolescent Psychology and Psychopathology |
| PSY 447: Psychology of Aging (SB) |
| PSY 465: Psychology of Stress and Coping |
| PSY 472: Clinical Psychology |
| PSY 499: Individualized Instruction |
| SOC 315: Courtship and Marriage (SB) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## English, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSENGBA

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | • ENG 200-level literature course is a recommended pre-requisite to upper division ENG courses.<br>• Secure a part-time job or volunteer experience. |
| 2** ENG Literature Course | 3 | C | |
| ENG Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| 2** ENG Writing Course | 3 | C |
| Literature Course | 3 | C |
| Global Awareness (G) | 3 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Elective | 3 | |
| Maintain 2.00 GPA in Major Courses. | | |
| Term hours subtotal: | 15 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Ethnicity and Gender Course | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| *Complete 2 courses:* ENG Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Film and Popular Culture | 3 | C | • Use Handshake to research employment opportunities. |
| *Complete 2 courses:* ENG Elective | 6 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG Upper Division Elective | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| *Complete 4 courses:* Upper Division Elective | 12 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 498: Pro-Seminar (L) | 3 | C | • Students in the Barrett Honors College may take ENG 493: Honors Thesis in place of ENG 498: Pro-Seminar. |
| *Complete 2 courses:* ENG Upper Division Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ENG 484: Internship OR Upper Division Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| 2** ENG Literature Course |
| --- |
| ENG 201: World Literature (HU & H & G) |
| ENG 221: Survey of English Literature (HU) |
| ENG 222: Survey of English Literature (HU & H) |
| ENG 241: Literatures of the United States to 1860 ((L or HU) & C) |
| ENG 242: Literatures of the United States, 1860 to Present (HU) |

| Literature |
| --- |
| ENG 303: Classical Backgrounds of English Literature (HU) |
| ENG 321: Shakespeare (L or HU) |
| ENG 328: The Novel to Jane Austen (HU & H) |
| ENG 333: American Ethnic Literature |
| ENG 352: Short Story (L or HU) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ENG 359: Indigenous American Literature ((L or HU) & C) |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| ENG 364: Women and Literature (HU) |
| ENG 471: Literature for Young Adults (HU) |
| ENG 473: Critical Approaches to Children's Literature (L or HU) |

| 2** ENG Writing Course |
| --- |
| ENG 210: Introduction to Creative Writing |
| ENG 215: Strategies of Academic Writing (L) |
| ENG 216: Persuasive Writing on Public Issues (L) |
| ENG 243: Introduction to Writing Family History (L) |
| ENG 244: Introduction to Researching Family History |

| Flm and Popular Culture |
| --- |
| ENG 320: Medievalism in Modern Culture |
| ENG 334: The American Southwest in Literature and Film ((L or HU) & C) |
| ENG 365: History of Film (HU) |
| ENG 366: Literature on Film |
| ENG 367: Environmental Issues in Literature and Film (L or HU) |
| ENG 446: Visual Narratives (L or HU) |
| ENG 464: Great Directors (L or HU) |
| ENG 466: Studies in International Film ((L or HU) & G) |
| ENG 467: American Film Musicals (L or HU) |

| Ethnicity and Gender |
| --- |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) |
| ENG 333: American Ethnic Literature |
| ENG 334: The American Southwest in Literature and Film ((L or HU) & C) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ENG 359: Indigenous American Literature ((L or HU) & C) |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| ENG 364: Women and Literature (HU) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- A minimum of 12 upper division ENG credits must be completed through the College of Integrative Sciences and Arts.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## General Studies, BA

School/College: College of Integrative Sciences and Arts
Location: Downtown Phoenix campus, Polytechnic campus, ASU@Lake Havasu
LSGNSBGS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Students completing the Bachelor of Arts in General Studies will complete three courses in each cluster for a total of 36 credit hours. A minimum of 18 of the 36 credits must be upper-division credits. |
| Cluster #1 Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cluster #2 Course | 3 | C | • Join a student club or professional organization.<br>• Develop your skills. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cluster #3 Course | 3 | C | |

| | | |
|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Global Awareness (G) | 3 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 15 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cluster #1 Course | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| Cluster #4 Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Cluster #1 Course | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Cluster #2 Course | 3 | C | |
| Upper Division Cluster #3 Course | 3 | C | |
| Cluster #2 Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| UNI 400: Society and the Individual (L) | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| *Complete 2 courses:*<br>Upper Division Cluster #4 Course | 6 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Cluster #3 Course | 3 | C | |
| Upper Division Elective OR IDS 484: Internship OR COM 484: Internship OR SPA 484: Internship | 3 | | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- Students completing the Bachelor of Arts in General Studies will complete three courses in each cluster for a total of 36 credit hours. A minimum of 18 of the 36 credits must be upper-division credits.

Hide Course List(s)/Track Group(s)

| Global Perspectives | National and Civil Service | Organizations, Communities and Ethics |
|---|---|---|
| COM 316: Gender and Communication (SB & C) | AES 101: Air Force Today I | CAP 342: Community Outreach, Prevention and Intervention |
| COM 363: Latinxs and the Media (C) | AES 103: Air Force Today II | CHM 107: Chemistry and Society (SQ) |
| ENG 201: World Literature (HU & H & G) | AES 201: The Evolution of USAF Air and Space Power I | COM 312: Communication, Conflict, and Negotiation |
| ENG 202: World Literature (HU & H) | AES 203: The Evolution of USAF Air and Space Power II | CRJ 350: Law and Social Control (SB) |
| ENG 216: Persuasive Writing on Public Issues (L) | AES 301: Air Force Leadership Studies I (L) | CRJ 403: Victims and the Criminal Justice System |
| ENG 217: Writing Reflective Essays (L) | AES 303: Air Force Leadership Studies II (L) | CRJ 404: Juvenile Delinquency |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) | AES 401: National Security Affairs (L) | CRJ 405: Neighborhoods and Crime |
| HCR 230: Culture and Health (C & G) or HSC 210: Cultural Aspects of Health (C) | COM 259: Communication in Business and the Professions | CRJ 406: Sex Crimes |
| HCR 310: Fundamentals of Human Trafficking (SB) | COM 263: Elements of Intercultural Communication (SB & C & G) | CRJ 408: Drugs and Crime |
| HST 101: Global History Since 1500 (HU & H & G) | COM 312: Communication, Conflict, and Negotiation | CRJ 422: Violence in America |
| HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H) | COM 316: Gender and Communication (SB & C) | CRJ 461: Domestic Violence |
| HST 230: Introduction to Jewish Civilization (HU & H & G) | COM 371: Language, Culture, and Communication (SB & C & G) | CRJ 462: Gangs |
| HST 306: The Civil Rights Movement | CRJ 100: Introduction to Criminal Justice (SB) | CRJ 463: White Collar Crime |
| HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H) | CRJ 201: Criminal Justice Crime Control Policies and Practices | CRJ 470: Discretionary Justice (L or SB) |
| HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) | CRJ 350: Law and Social Control (SB) | HCI 150: Introduction to Health Innovation |
| HST 364: Sex and Society in Modern Europe ((L or SB) & H) | CRJ 403: Victims and the Criminal Justice System | HCI 250: Health Entrepreneurship and Value Creation |
| HST 368: Culture and Imagination in European History (HU & H) | CRJ 404: Juvenile Delinquency | HCR 210: Ethics for the Health Care Professional (HU) |
| HST 372: Modern Middle East (SB & G & H) | CRJ 405: Neighborhoods and Crime | HCR 230: Culture and Health (C & G) or HSC 210: Cultural Aspects of Health (C) |
| HST 430: The Ottoman Empire in the Classical Period | CRJ 406: Sex Crimes | HCR 231: Fundamentals of Community Health |
| MCO 430: International Mass Communication (G) | CRJ 408: Drugs and Crime | HCR 310: Fundamentals of Human Trafficking (SB) |
| REL 100: Religions of the World (HU & G) | CRJ 422: Violence in America | HCR 331: Communication within Communities |
| REL 201: Religion and the Modern World (L or HU) | CRJ 461: Domestic Violence | HST 333: African American History to 1865 (SB & H & C) |
| REL 365: Islamic Civilization (HU & H) | CRJ 462: Gangs | MCO 120: Media and Society (SB) |
| REL 369: Women in Islam | CRJ 463: White Collar Crime | MCO 240: Media Issues in American Pop Culture |
| | CRJ 470: Discretionary Justice (L or SB) | MCO 335: Social Media |
| | ENG 216: Persuasive Writing on Public Issues (L) | MCO 456: Political Communication (SB) |
| | ENG 217: Writing Reflective Essays (L) | MCO 425: Digital Media Literacy I |

REL 390: Women, Gender and Religion (HU & G)

SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

TDM 205: Introduction to Travel and Tourism (G)

WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C)

WST 380: Race, Gender, and Class (SB & C)

WST 390: Women, Gender and Religion (HU & G)

ENG 301: Writing for the Professions (L)

ENG 317: Cross-Cultural Writing ((L or HU) & G)

HCR 231: Fundamentals of Community Health

HCR 310: Fundamentals of Human Trafficking (SB)

HCR 331: Communication within Communities

MCO 456: Political Communication (SB)

MIS 101: Introduction to the United States Army

MIS 102: Foundation of Agile and Adaptive Leadership

MIS 201: Army Leadership and Decision Making

MIS 202: Army Doctrine and Team Development

MIS 301: Training Management and the Warfighting Functions (L)

MIS 302: Applied Leadership in Small-Unit Operations (L)

NAV 101: Introduction to Naval Science

NAV 102: Sea Power and Maritime Affairs

NAV 402: Leadership and Ethics

NLM 160: Voluntary Action and Community Leadership (SB)

NLM 220: Introduction to Nonprofit Organizations

NLM 300: Fund Raising and Resource Development

NLM 310: Volunteer Management

OGL 220: Behavioral Dynamics in Organizations (SB)

OGL 260: Resource Allocation in Organizations

OGL 300: Theory and Practice of Leadership

OGL 343: Social Processes in Organizations (SB)

OGL 345: Organizational Ethics (HU)

OGL 350: Diversity and Organizations (L & C)

MCO 426: Digital Media Literacy II

MCO 460: Race, Gender, and Media (C)

NLM 160: Voluntary Action and Community Leadership (SB)

NLM 220: Introduction to Nonprofit Organizations

NLM 300: Fund Raising and Resource Development

NLM 310: Volunteer Management

OGL 220: Behavioral Dynamics in Organizations (SB)

OGL 260: Resource Allocation in Organizations

OGL 300: Theory and Practice of Leadership

OGL 343: Social Processes in Organizations (SB)

OGL 345: Organizational Ethics (HU)

OGL 350: Diversity and Organizations (L & C)

OGL 355: Leading Organizational Innovation and Change

OGL 357: Assessment in Organizations

OGL 360: Assessment of Leadership Effectiveness

PAF 220: Introduction to Urban America

PAF 240: Urban Policy (C)

PAF 305: Urban Governance

PAF 311: Leadership and Change (SB)

PAF 351: Urban and Metropolitan Studies

PAF 352: Urban Theory

PAF 410: Building Leadership Skills (SB)

PAF 420: Managing Across Boundaries

PAF 460: Public Service Ethics

PHI 101: Introduction to Philosophy (HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

PRM 145: Special Events Management

PRM 487: Advanced Special Events Management

SPA 317: Spanish for the Professions (G)

OGL 355: Leading Organizational Innovation and Change

OGL 357: Assessment in Organizations

OGL 360: Assessment of Leadership Effectiveness

PAF 240: Urban Policy (C)

PAF 305: Urban Governance

PAF 311: Leadership and Change (SB)

PAF 410: Building Leadership Skills (SB)

PAF 420: Managing Across Boundaries

PAF 460: Public Service Ethics

SWU 181: Economics: A Social Issues Perspective

SWU 182: Social Services Perspective of Government (SB)

SWU 432: Social Policy and Services

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

USL 210: Service Learning: Intro to Diverse Community Issues (L & C)

USL 402: Service Learning: Education & Youth (C)

VTS 301: Veterans, Society and Service: Experience of America's Modern Wars (H)

VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)

SPA 318: Advanced Spanish for Health Care Professionals

SPA 401: Spanish Oral Communication for the Professions

SPA 402: Written Communication for the Professions

SPA 404: Spanish in U. S. Professional Communities ((L or HU) & C)

SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)

SPA 406: Introduction to Spanish/English Medical Interpretation

STS 331: Ethical Issues in Science and Technology (SB)

SWU 171: Introduction to Social Work (SB & H)

SWU 181: Economics: A Social Issues Perspective

SWU 182: Social Services Perspective of Government (SB)

SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)

SWU 432: Social Policy and Services

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

TDM 205: Introduction to Travel and Tourism (G)

Values, Identities and Society

CAP 220: Self in a Multicultural Society (C)

CDE 232: Human Development (SB)

COM 100: Introduction to Human Communication (SB)

COM 207: Introduction to Communication Inquiry

COM 222: Argumentation (L)

COM 225: Public Speaking (L)

COM 230: Small Group Communication (SB)

COM 250: Communication and the Workplace (SB)

- COM 259: Communication in Business and the Professions
- COM 263: Elements of Intercultural Communication (SB & C & G)
- COM 312: Communication, Conflict, and Negotiation
- COM 316: Gender and Communication (SB & C)
- COM 323: Communication Approaches to Popular Culture (C)
- COM 371: Language, Culture, and Communication (SB & C & G)
- CRJ 350: Law and Social Control (SB)
- CRJ 403: Victims and the Criminal Justice System
- CRJ 404: Juvenile Delinquency
- CRJ 405: Neighborhoods and Crime
- CRJ 406: Sex Crimes
- CRJ 408: Drugs and Crime
- CRJ 422: Violence in America
- CRJ 461: Domestic Violence
- CRJ 462: Gangs
- CRJ 463: White Collar Crime
- ENG 216: Persuasive Writing on Public Issues (L)
- ENG 217: Writing Reflective Essays (L)
- ENG 218: Writing About Literature (L or HU)
- ENG 287: Beginning Creative Writing Workshop in Poetry
- ENG 288: Beginning Creative Writing Workshop in Fiction
- ENG 301: Writing for the Professions (L)
- ENG 364: Women and Literature (HU)
- ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice
- ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice
- HCR 230: Culture and Health (C & G) or HSC 210: Cultural Aspects of Health (C)

- HCR 310: Fundamentals of Human Trafficking (SB)
- HCR 331: Communication within Communities
- HST 110: United States Since 1865 (SB & H)
- HST 230: Introduction to Jewish Civilization (HU & H & G)
- HST 306: The Civil Rights Movement ((HU or SB) & H)
- HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
- HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
- HST 333: African American History to 1865 (SB & H & C)
- HST 368: Culture and Imagination in European History (HU & H)
- HST 372: Modern Middle East (SB & G & H)
- HST 430: The Ottoman Empire in the Classical Period
- MCO 335: Social Media
- MCO 425: Digital Media Literacy I
- MCO 426: Digital Media Literacy II
- PHI 101: Introduction to Philosophy (HU)
- PHI 105: Intro to Ethics (HU)
- PHI 306: Applied Ethics (HU)
- PSY 101: Introduction to Psychology (SB)
- PSY 350: Social Psychology (SB)
- REL 100: Religions of the World (HU & G)
- REL 201: Religion and the Modern World (L or HU)
- REL 365: Islamic Civilization (HU & H)
- REL 369: Women in Islam
- REL 390: Women, Gender and Religion (HU & G)
- SWU 456: Immigrants and Refugees (C)
- SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
- WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C)

WST 380: Race, Gender, and Class (SB & C)

WST 390: Women, Gender and Religion (HU & G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## History, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSHISBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| HST Elective | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Elective | 3 | | |
| Maintain 2.25 GPA in Critical Tracking Courses. | | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| HST Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.25 GPA in Critical Tracking Courses. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST Elective | 3 | C | • Secure a part-time job or volunteer experience. |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.25 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Additional History Related Area | 3 | C | • Students will complete a total of 15 credit hours in a History Related Area Field. 9 credit hours must be selected from a single subject area, and at least six of those credit hours must be upper division. The remaining six credit hours can be selected from any subjects in the list, and at least three of those credit hours must be upper division. See more information at the bottom of the major map. Students will choose Related Area Fields in consultation with their History academic advisor. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Maintain 2.25 GPA in Critical Tracking Courses. | | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST Upper Division Elective | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| History Single Subject Related Area | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST Upper Division Elective | 3 | C | • Use Handshake to research employment opportunities.<br>• Students will complete a total of 15 credit hours in a History Related Area Field. 9 credit hours must be selected from a single subject area, and at least six of those credit hours must be upper division. The remaining six credit hours can be selected from any subjects in the list, and at least three of those credit hours must be upper division. See more information at the bottom of the major map. Students will choose Related Area Fields in consultation with their History academic advisor. |
| Upper Division Additional History Related Area | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST Upper Division Elective | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| *Complete 2 courses:* Upper Division History Single Subject Related Area | 6 | C | |
| Upper Division Elective | 3 | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 12 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HST 495: Methods of Historical Inquiry (L) OR HST 493: Honors Thesis (L) | 3 | C | • Students in the Barrett Honors College may take HST 493: Honors Thesis in place of HST 495: Methods of Historical Inquiry. |
| HST 484: Internship OR Upper Division Elective | 3 | | |
| HST Upper Division Elective | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 15 | | |

- Students will complete a total of 15 credit hours of History Related Area courses (including a minimum of nine upper-division hours). History Related subjects include: English (ENG), Integrative Social Sciences (ISS), Philosophy (PHI), Political Science (POS), Religious Studies (REL), Sociology (SOC), Science Technology and Society (STS) and Veterans Studies (VTS).
- Students will select one subject of study from the History Related Area course list, and complete nine hours of coursework within that subject. At least six of those hours must be upper division. All courses must be from the same subject.
- The remaining six credit hours can be taken from any subject area listed below; courses do not have to be from the same subject. At least three of those hours must be upper division.

Hide Course List(s)/Track Group(s)

| History Single Subject Related Area - Choose One Subject (9 Hours) |
|---|
| ENG Elective |
| ISS Elective |
| PHI Elective |
| POS Elective |
| REL Elective |
| SOC Elective |
| STS Elective |
| VTS Elective |

| Additional History Related Area (6 Hours) |
|---|
| ENG Elective |
| ISS Elective |
| PHI Elective |
| POS Elective |
| REL Elective |
| SOC Elective |
| STS Elective |
| VTS Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Students must complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## History of Science, Ideas and Innovation, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSHSIIBA

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities area and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Students must select Related Area courses all from **one** subject/prefix indicated at bottom of the major map.<br>• Join a student club or professional organization. |
| Related Area Course | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 28 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 280: History of Science, Ideas and Innovation (SB & G & H) | 3 | C | • Secure a part-time job or volunteer experience. |
| History of Science, Ideas and Innovation Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | |

| | | |
|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Historical Awareness (H) | 3 | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| Term hours subtotal: | 16 | |

- Students must select Related Area courses all from **one** subject/prefix indicated at bottom of the major map.

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | |
| *Complete 3 courses:* Upper Division History of Science, Ideas and Innovation Elective | 9 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Students must choose History of Science, Ideas and Innovation Elective credits from the list provided at the bottom of the major map.
- Build your professional connections -- join the ASU Mentor Network

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:* Upper Division History of Science, Ideas and Innovation Elective | 9 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Use Handshake to research employment opportunities.

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:* Upper Division History of Science, Ideas and Innovation Elective | 9 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Gather professional references.
- Apply for full-time career opportunities.

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 495: Methods of Historical Inquiry (L) | 3 | C | |
| *Complete 4 courses:* Upper Division History of Science, Ideas and Innovation Elective | 12 | C | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| History of Science, Ideas and Innovation Electives | Related Area Courses (9 credits from ONE subject below) |
|---|---|
| HST 294: Special Topics | ABS Elective |
| HST 300: Veterans, Society and Service: Experience of America's Modern Wars | AMT Elective |
| HST 301: Global History of Health (SB & G & H) | ATC Elective |
| | BIO Elective |

HST 308: History and Philosophy of Sustainability

HST 309: Exploration and Empire ((L or HU) & H)

HST 312: History of Women in Science and Medicine (HU or SB)

HST 318: History of Engineering ((L or SB) & G)

HST 319: History of Aviation (H)

HST 345: Environmental History (L)

HST 380: Studies in the History of Science

HST 381: Studies in the History of Ideas

HST 382: Studies in the History of Innovation and Technology (H)

HST 385: History of Chinese Medicine (HU & H & G)

HST 394: Special Topics

HST 482: Writing and the History of Science, Ideas and Technology (L)

HST 484: Internship

HST 494: Special Topics

EGR Elective

IFT Elective

ISS Elective

PHY Elective

POS Elective

SOC Elective

STS Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of HST courses offered by the College of Integrative Sciences and Arts.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Integrative Social Science, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSISSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ISS 110: Dimensions of Social Science (SB) OR ISS 302: Scope of Social Science (SB) | 3 | C | • Students beginning their college experience at ASU will take ISS 110 to fulfill the introduction course requirement. Students who transfer to ASU with more than 45 credit hours will take ISS 302 to fulfill this requirement.<br>• ASU 101 or college specific equivalent First Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| Social-Behavioral Sciences (SB) | 3 | | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | • Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | • Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ISS 301: Integrated Social Science Research Methods (SB) OR POS 301: Empirical Political Inquiry (SB) OR STS 301: Research in Science and Technology Studies (SB) | 3 | C | • Students will select a concentration in Ethics, Gender and Social Justice or a concentration in Globalization and International Political Economy. Each concentration requires 12 hours of core courses and 15 hours of elective courses within the same theme.<br>• Build your professional connections -- join the ASU Mentor Network |
| Upper Division Ethics, Gender and Social Justice Core OR Upper Division Globalization and International Political Economy Core | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Ethics, Gender and Social Justice Electives OR Upper Division Globalization and International Political Economy Electives | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ISS 304: Integrated Theories of Social Science (SB) | 3 | C | • Students will select a concentration in Ethics, Gender and Social Justice or a concentration in Globalization and International Political Economy. Each concentration requires 12 hours of core courses and 15 hours of elective courses within the same theme.<br>• Use Handshake to research employment opportunities. |
| Upper Division Ethics, Gender and Social Justice Core OR Upper Division Globalization and International Political Economy Core | 3 | C | |
| Upper Division Ethics, Gender and Social Justice Electives OR Upper Division Globalization and International Political Economy Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ISS 401: Statistics for Integrated Social Science (MA) OR POS 401: Political Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) | 3 | C | • Students will select a concentration in Ethics, Gender and Social Justice or a concentration in Globalization and International Political Economy. Each concentration requires 12 hours of core courses and 15 hours of elective courses within the same theme.<br>• Gather professional references.<br>• Apply for full-time career opportunities. |
| Upper Division Ethics, Gender and Social Justice Core OR Upper Division Globalization and International Political Economy Core | 3 | C | |
| Upper Division Ethics, Gender and Social Justice Electives OR Upper Division Globalization and International Political Economy Electives | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ ISS 484: Internship OR ISS 498: Pro-Seminar | 3 | C | • ISS 484 is recommended for students taking the program as a terminal degree for professional practice. ISS 498 Capstone or Applied Project are recommended for students preparing for further studies.<br>• Students will select a concentration in Ethics, Gender and Social Justice or a concentration in Globalization and International Political Economy. Each concentration requires 12 hours of core courses and 15 hours of elective courses within the same theme. |
| Upper Division Ethics, Gender and Social Justice Core OR Upper Division Globalization and International Political Economy Core | 3 | C | |
| Upper Division Ethics, Gender and Social Justice Electives OR Upper Division Globalization and International Political Economy Electives | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Students will select a concentration in Ethics, Gender and Social Justice or a concentration in Globalization and International Political Economy. Each concentration requires 12 hours of core courses and 15 hours of elective courses within the same theme.

Hide Course List(s)/Track Group(s)

| Globalization and International Political Economy Core | Ethnicity, Gender and Social Justice Core | Ethnicity, Gender and Social Justice Electives |
|---|---|---|
| ISS 482: Globalization and International Political Economy | ISS 437: Integrative Ethics in Social Science | FAS 332: Human Sexuality (SB) |
| POS 310: American National Government (SB) | ISS 441: Conflict and Conflict Resolution (SB & G) | FAS 370: Family Ethnic and Cultural Diversity (SB & C) |
| POS 485: Political Economy (SB) | POS 485: Political Economy (SB) | ISS 410: Integrative Leadership Studies (SB) |
| STS 304: Science, Technology and Society (SB) | WST 380: Race, Gender, and Class (SB & C) | ISS 428: Religion and Global Violence (SB & G) |
| | | ISS 456: Culture, Conflict and War ((L or SB) & G) |
| | | POS 339: Grassroots Social Movements (SB) |
| | | POS 439: Minority Group Politics in America (SB & C) |
| | | POS 467: International Security (SB & G) |
| | | SOC 315: Courtship and Marriage (SB) |
| | | SOC 352: Social Change (SB & G & H) |
| | | SOC 415: The Family (SB) |
| | | SOC 420: Sociology of Religion (L or SB) |
| | | SOC 421: Education and Society (SB) |
| | | STS 306: Social Effects of Science and Technology (SB) |
| | | STS 328: Science, Technology, and Culture (SB) |
| | | STS 331: Ethical Issues in Science and Technology (SB) |

STS 364: Science, Technology, and National Security (SB)

WST 300: Women and Gender in Contemporary Society (SB & C)

Globalization and International Political Economy Electives

ISS 410: Integrative Leadership Studies (SB)

ISS 441: Conflict and Conflict Resolution (SB & G)

ISS 450: Consumerism and Sustainable Development (SB)

ISS 456: Culture, Conflict and War ((L or SB) & G)

POS 316: American Political Institutions

POS 325: Public Policy Development (SB)

POS 339: Grassroots Social Movements (SB)

POS 346: Problems of Democracy (HU)

POS 350: Comparative Politics (SB & G)

POS 360: World Politics (SB & G)

POS 361: American Foreign Policy (SB & G)

POS 364: National Security, Intelligence, and Terrorism (SB)

POS 370: Law and Society (SB)

POS 426: Elements of Public Policy (SB)

POS 467: International Security (SB & G)

POS 486: International Political Economy (SB & G)

STS 302: Philosophy of Science and Technology (SB)

STS 303: History of Science and Technology (H)

STS 305: Science and Social Theory (SB)

STS 306: Social Effects of Science and Technology (SB)

STS 317: Science, Technology, and Global Engagement (SB & G)

STS 318: Science, Technology, and Government (SB)

STS 325: Science, Technology, and Public Policy (SB)

STS 328: Science, Technology, and Culture (SB)

STS 329: Technology in Developing Countries (SB & G)

STS 330: Information Technology and Globalization (SB & G)

STS 331: Ethical Issues in Science and Technology (SB)

STS 332: Global Issues in Science and Technology (SB)

STS 364: Science, Technology, and National Security (SB)

STS 425: Law, Values, Science, and Technology (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Interdisciplinary Studies, BA

School/College: College of Integrative Sciences and Arts
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus
LSBISBIS

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) ( IDS 201 recommended) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Recommended Elective: IDS 140 The Nature of Knowledge Systems.<br>• Choose IDS concentration areas in collaboration with an IDS academic advisor. Available offerings are found here.<br>• Secure a part-time job or volunteer experience. |
| Global Awareness (G) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Concentration #1 Course | 3 | C | |
| Concentration #2 Course | 3 | C | |

| | | |
|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | |
| Literacy and Critical Inquiry (L) | 3 | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Term hours subtotal: | 16 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Concentration #1 Course | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| Concentration #2 Course | 3 | C | |
| IDS 301: Becoming Interdisciplinary OR IDS 201: Intellectual Fusion (SB) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Integrative Context Course | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Concentration #1 Course | 3 | C | |
| Upper Division Concentration #2 Course | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IDS 302: Integration Skills | 3 | C | • Begin exploring IDS 401 Experiential Learning opportunities. Email CISA@asu.edu to begin the process.<br>• Gather professional references.<br>• Apply for full-time career opportunities. |
| Upper Division Concentration #1 Course | 3 | C | |
| Upper Division Concentration #2 Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IDS 401: Integration: Experiential Learning | 3 | C | |
| Upper Division Concentration #1 Course | 3 | C | |
| Upper Division Concentration #2 Course | 3 | C | |
| Upper Division Integrative Context Course | 3 | C | |
| Integrative Application Course | 3 | C | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| | |
|---|---|
| Integrative Context Course | Integrative Application Course |

| | |
|---|---|
| IDS 310: Integration: Cultural Contexts (C) | IDS 140: The Nature of Knowledge Systems |
| IDS 311: Integration: Global Contexts | IDS 302: Integration Skills |
| IDS 312: Integrative Perspectives on Change | IDS 310: Integration: Cultural Contexts (C) |
| IDS 313: Integrative Perspectives on a Changing World | IDS 311: Integration: Global Contexts |
| IDS 314: Integrative Perspectives on Cultural Dynamics (SB) | IDS 312: Integrative Perspectives on Change |
| IDS 315: Integration: Social Contexts (SB) | IDS 313: Integrative Perspectives on a Changing World |
| IDS 316: Integration: Humanities Contexts (HU) | IDS 314: Integrative Perspectives on Cultural Dynamics (SB) |
| | IDS 315: Integration: Social Contexts (SB) |
| | IDS 316: Integration: Humanities Contexts (HU) |
| | IDS 484: Internship |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Interdisciplinary Studies, BA

School/College: College of Integrative Sciences and Arts
Location: Online, ASU Local@Los Angeles
LSBISBIS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-ONL: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-time first-year registration information here. |
| Social-Behavioral Sciences (SB) ( IDS 201 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 26 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Secure a part-time job or volunteer experience. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Concentration #1 Course | 3 | C | • Recommended Elective: IDS 140 The Nature of Knowledge Systems.<br>• Choose IDS concentration areas in collaboration with an IDS academic advisor. Available offerings are found here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 32 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Concentration #2 Course | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 39 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Concentration #1 Course | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Concentration #2 Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IDS 301: Becoming Interdisciplinary OR IDS 201: Intellectual Fusion (SB) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IDS 302: Integration Skills | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Concentration #1 Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Concentration #1 Course | 3 | C | |
| Upper Division Concentration #2 Course | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Concentration #1 Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Concentration #2 Course | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Concentration #2 Course | 3 | C | • Begin exploring IDS 401 Experiential Learning opportunities. Email CISA@asu.edu to begin the process. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Integrative Context Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ IDS 401: Integration: Experiential Learning | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Integrative Context Course | 3 | C | |
| Upper Division Integrative Application Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

| Integrative Context Course |
| --- |
| IDS 310: Integration: Cultural Contexts (C) |
| IDS 311: Integration: Global Contexts |
| IDS 312: Integrative Perspectives on Change |
| IDS 313: Integrative Perspectives on a Changing World |
| IDS 314: Integrative Perspectives on Cultural Dynamics (SB) |
| IDS 315: Integration: Social Contexts (SB) |
| IDS 316: Integration: Humanities Contexts (HU) |

| Integrative Application Course |
| --- |
| IDS 140: The Nature of Knowledge Systems |
| IDS 302: Integration Skills |
| IDS 310: Integration: Cultural Contexts (C) |
| IDS 311: Integration: Global Contexts |
| IDS 312: Integrative Perspectives on Change |
| IDS 313: Integrative Perspectives on a Changing World |
| IDS 314: Integrative Perspectives on Cultural Dynamics (SB) |
| IDS 315: Integration: Social Contexts (SB) |
| IDS 316: Integration: Humanities Contexts (HU) |
| IDS 484: Internship |

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Interdisciplinary Studies (Organizational Studies), BA

School/College: College of Integrative Sciences and Arts
Location: Online, ASU Local@Los Angeles
LSORGBIS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-ONL: The ASU Experience | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-time first-year registration information here. |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Recommended Elective: IDS 201 Intellectual Fusion.<br>• Secure a part-time job or volunteer experience. |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 32 - 38 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IDS 300: Theories and Applications of Organizational Studies (L or SB) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 340: Special Topics | 3 | C | |
| OGL 343: Social Processes in Organizations (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 340: Special Topics | 3 | C | • Use Handshake to research employment opportunities. |
| OGL 365: Organizational Contexts (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 345: Organizational Ethics (HU) | 3 | C | |
| IDS 201: Intellectual Fusion (SB) OR IDS 301: Becoming Interdisciplinary | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IDS 302: Integration Skills | 3 | C | |
| Elective | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 365: Organizational Contexts (SB) | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 355: Leading Organizational Innovation and Change | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | • Begin exploring IDS 401 Integrative Experiential Learning opportunities. Email CISA@asu.edu to begin the process. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 360: Assessment of Leadership Effectiveness | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ IDS 401: Integration: Experiential Learning | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 357: Assessment in Organizations | 3 | C | |
| ★ Upper Division Integrative Context Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

Integrative Context Courses

- IDS 310: Integration: Cultural Contexts (C)
- IDS 311: Integration: Global Contexts
- IDS 312: Integrative Perspectives on Change

IDS 313: Integrative Perspectives on a Changing World

IDS 314: Integrative Perspectives on Cultural Dynamics (SB)

IDS 315: Integration: Social Contexts (SB)

IDS 316: Integration: Humanities Contexts (HU)

IDS 484: Internship

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Liberal Studies, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus, ASU@The Gila Valley
LABLSBLS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 13 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Global Awareness (G) | 3 | | • Secure a part-time job or volunteer experience. |
| Historical Awareness (H) | 3 | | |
| *Complete 3 courses:* Elective | 9 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |

| | | |
|---|---|---|
| *Complete 3 courses:*<br>Elective | 9 | |
| Term hours subtotal: | 16 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ LST 370: Dimensions of Liberal Studies (L or HU) | 3 | C | • Build your professional connections -- join the ASU Mentor Network<br>• Students should consult the CISA liberal studies website for a list of recommended HU and SB courses. |
| ★ Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Humanities, Arts and Design (HU) | 3 | C | • Use Handshake to research employment opportunities.<br>• Students should consult the CISA liberal studies website for a list of recommended HU and SB courses. |
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ LST 470: Liberal Studies Seminar | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities.<br>• Students should consult the CISA liberal studies website for a list of recommended HU and SB courses. |
| ★ Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| LST 484: Internship OR Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Humanities, Arts and Design (HU) | 3 | C | • Students should consult the CISA liberal studies website for a list of recommended HU and SB courses. |
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Liberal Studies, BA

School/College: College of Integrative Sciences and Arts
Location: Online, ASU Local@Los Angeles
LABLSBLS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-ONL: The ASU Experience | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Secure a part-time job or volunteer experience. |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LST 370: Dimensions of Liberal Studies (L or HU) | 3 | C | • Build your professional connections -- join the ASU Mentor Network<br>• Students should consult the CISA liberal studies website for a list of recommended HU and SB courses. |
| Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Social-Behavioral Sciences (SB) | 3 | C | • Use Handshake to research employment opportunities.<br>• Students should consult the CISA liberal studies website for a list of recommended HU and SB courses. |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Humanities, Arts and Design (HU) | 3 | C | • Students should consult the CISA liberal studies website for a list of recommended HU and SB courses. |
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Elective | 3 | | • Gather professional references.<br>• Apply for full-time career opportunities.<br>• Students should consult the CISA liberal studies website for a list of recommended HU and SB courses. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ LST 470: Liberal Studies Seminar | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Organizational Leadership, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus, ASU@Cochise, ASU@Lake Havasu, ASU@Pima, ASU@Pinal, ASU@The Gila Valley, ASU@Yuma, ASU@Yavapai
LSORGLBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| Mathematics (MA) | 3 | | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 13 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 200: Introduction to Organizational Leadership (SB) | 3 | C | • Secure a part-time job or volunteer experience. |
| OGL 220: Behavioral Dynamics in Organizations (SB) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 260: Resource Allocation in Organizations | 3 | C | |

| | | |
|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| *Complete 3 courses:* Elective | 9 | |
| Term hours subtotal: | 16 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 300: Theory and Practice of Leadership | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ★ OGL 343: Social Processes in Organizations (SB) | 3 | C | |
| OGL 320: Foundations of Project Management | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| OGL 365: Special Topics | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 345: Organizational Ethics (HU) | 3 | C | • Use Handshake to research employment opportunities.<br>• Consider additional OGL 340 Topics courses to fill elective credits (beyond the six required credits). |
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | |
| ★ OGL 355: Leading Organizational Innovation and Change | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities.<br>• Any upper division OGL course will satisfy the OGL upper division elective requirement.<br>• Students may take no more than 3 credit hours of OGL 484. |
| OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness | 3 | C | |
| OGL 365: Special Topics | 3 | C | |
| OGL Upper Division Elective | 3 | C | |
| OGL 484: Internship OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 482: Organizational Leadership Pro-Seminar II (L) | 3 | C | • Any upper division OGL course will satisfy the OGL upper division elective requirement. |
| OGL Upper Division Elective | 3 | C | |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

•

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Organizational Leadership, BA

School/College: College of Integrative Sciences and Arts
Location: Online, ASU Local@Los Angeles
LSORGLBA

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-ONL: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 200: Introduction to Organizational Leadership (SB) | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| OGL 220: Behavioral Dynamics in Organizations (SB) | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Secure a part-time job or volunteer experience. |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 260: Resource Allocation in Organizations | 3 | C | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 50 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Historical Awareness (H) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 300: Theory and Practice of Leadership | 3 | C | • Consider OGL 340 Special Topics courses for upper division electives (beyond the six credits required). |
| OGL 340: Special Topics | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 340: Special Topics | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| OGL 343: Social Processes in Organizations (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 345: Organizational Ethics (HU) | 3 | C | |
| OGL 320: Foundations of Project Management | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | • Any upper division OGL course will satisfy the OGL upper division elective requirement. |
| OGL Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 355: Leading Organizational Innovation and Change | 3 | C | • Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 365: Special Topics | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL Upper Division Elective | 3 | C | • Any any upper division OGL course will satisfy the OGL upper division elective requirement. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 365: Special Topics | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | |
| Upper Division Elective OR OGL 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 482: Organizational Leadership Pro-Seminar II (L) | 3 | C | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

•

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Organizational Leadership (Project Management), BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus, Tempe campus, ASU@Cochise, ASU@Pima, ASU@Pinal, ASU@The Gila Valley, ASU@Yavapai
LSORGLPMBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.<br>• Select your career interest communities and play me3@ASU.<br>• OGL 194 Special Topic: Self-Leadership and Productivity is highly recommended. |
| Mathematics (MA) | 3 | | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Elective (OGL 194 recommended) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 13 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 200: Introduction to Organizational Leadership (SB) | 3 | C | • Secure a part-time job or volunteer experience. |
| OGL 220: Behavioral Dynamics in Organizations (SB) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| *Complete 3 courses:* Elective | 9 | |
| Term hours subtotal: | 16 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 300: Theory and Practice of Leadership | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| ★ OGL 345: Organizational Ethics (HU) | 3 | C | |
| OGL 320: Foundations of Project Management | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| OGL 343: Social Processes in Organizations (SB) OR OGL 355: Leading Organizational Innovation and Change | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | • Use Handshake to research employment opportunities. |
| OGL 321: Project Leadership, Strategy and Scope | 3 | C | |
| OGL 322: Project Time Management | 3 | C | |
| OGL 323: Project Cost Management | 3 | C | |
| OGL 324: Resources in Project Management | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 326: Project Procurement Management | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities.<br>• Consider additional OGL 340 topics courses to fill elective credits (beyond the six required credits). |
| OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness | 3 | C | |
| OGL 421: Project Risk Management | 3 | C | |
| OGL 422: Project Quality Management | 3 | C | |
| OGL 484: Internship OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | • Consider additional OGL 340 topics courses to fill elective credits (beyond the six required credits). |
| OGL 340: Special Topics | 3 | C | |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

•

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Organizational Leadership (Project Management), BA

School/College: College of Integrative Sciences and Arts
Location: Online, ASU Local@Los Angeles
LSORGLPMBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-ONL: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 200: Introduction to Organizational Leadership (SB) | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 220: Behavioral Dynamics in Organizations (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Secure a part-time job or volunteer experience. |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 50 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 50 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 320: Foundations of Project Management | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 300: Theory and Practice of Leadership | 3 | C | |
| OGL 321: Project Leadership, Strategy and Scope | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 340: Special Topics | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| OGL 322: Project Time Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 340: Special Topics | 3 | C | |
| OGL 345: Organizational Ethics (HU) | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 323: Project Cost Management | 3 | C | |
| OGL 324: Resources in Project Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | • Use Handshake to research employment opportunities. |
| OGL 326: Project Procurement Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 421: Project Risk Management | 3 | C | • Consider OGL 340 Special Topics courses for upper-division electives (beyond the six credits required). |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 422: Project Quality Management | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OGL 343: Social Processes in Organizations (SB) OR OGL 355: Leading Organizational Innovation and Change | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Elective OR OGL 484: Internship | 3 | C | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Political Science, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSPOLBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Area Course | 3 | C | |
| Mathematics (MA) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) | 3 | C | • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.<br>• Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Area Course | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 210: Political Ideologies (SB) | 3 | C | • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.<br>• The electives in this degree program allow room for students to complete a minor or certificate.<br>• Secure a part-time job or volunteer experience. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | • Attend career-related workshops and meet with a career counselor to discuss professional goals. |
| *Complete 2 courses:* POS Elective | 6 | C | |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 301: Empirical Political Inquiry (SB) OR ISS 301: Integrated Social Science Research Methods (SB) OR STS 301: Research in Science and Technology Studies (SB) | 3 | C | • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.<br>• The electives in this program allow room for students to complete a minor or certificate.<br>• Build your professional connections --- join the ASU Mentor Network |
| POS Upper Division Elective | 3 | C | |
| Related Area Course | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 401: Political Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) | 3 | C | • Use Handshake to research employment opportunities. |
| *Complete 2 courses:* POS Upper Division Elective | 6 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Upper Division Elective | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Upper Division Elective | 3 | C | |
| POS 484: Internship Upper Division Elective | 3 | | |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Related Area Courses

AES OR AFR OR AIS OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR GPH OR HST OR ISS OR JUS OR MIS OR PHI OR PSY OR REL OR SGS OR SOC OR STS OR TCL OR VTS OR WST Elective

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of POS courses offered by the College of Integrative Sciences and Arts.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology, BA

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSPGSBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | • Join a student club or professional organization. |
| PSY 230: Introduction to Statistics (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • Secure a part-time job or volunteer experience. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | |
| Global Awareness (G) | 3 | | |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Social-Behavioral Sciences (SB) OR Upper Division Psychology Core | 6 | C | • Build your professional connections --- join the ASU Mentor Network.<br>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.<br>• Students will select Upper Division Psychology Electives courses from the track list below. |
| CED 250: Career Development (L) | 3 | C | |
| Upper Division Psychology Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Social-Behavioral Sciences (SB) OR Upper Division Psychology Core | 6 | C | • Use Handshake to research employment opportunities.<br>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.<br>• Students will select Upper Division Psychology Electives courses from the track list below. |
| Upper Division Psychology Electives | 3 | C | |
| Upper Division Elective | 3 | | |
| Related Area Course | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Psychology Electives | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities.<br>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.<br>• Students will select Upper Division Psychology Electives courses from the track list below. |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| *Complete 2 courses:* Upper Division Social-Behavioral Sciences (SB) OR Upper Division Psychology Core | 6 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Psychology Electives | 3 | C | |
| PSY 484: Internship OR Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Psychology Electives (12 Credit Hours Required) |
| --- |
| PSY 304: Effective Thinking (L) |
| PSY 306: Environmental Psychology (SB) |
| PSY 315: Personality Theory and Research (SB) |
| PSY 325: Physiological Psychology |
| PSY 330: Statistical Methods (CS) |
| PSY 369: Biology of Human Sexuality |
| PSY 385: Psychology of Gender (SB) |
| PSY 399: Supervised Research |
| PSY 425: Biological Bases of Behavior (L) |
| PSY 430: Industrial Psychology |
| PSY 444: Adolescent Psychology and Psychopathology |
| PSY 447: Psychology of Aging (SB) |
| PSY 453: Organizational Behavior (SB) |
| PSY 470: Psychopharmacology |
| PSY 472: Clinical Psychology |
| PSY 482: Social Influence and Consumer Behavior (SB) |
| Related Area Courses (6 Credit Hours Required) |
| ASB Elective |
| COM Elective |
| HSE Elective |
| ISS Elective |
| POS Elective |
| SOC Elective |

| Social Behavioral Science (SB) Core (9 Credit Hours Required) |
| --- |
| PSY 341: Developmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |
| PSY 366: Abnormal Psychology (SB) |

| Psychology Core (9 Credit Hours Required) |
| --- |
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Students must complete a minimum of 12 credit hours of PSY courses offered by the College of Integrative Sciences and Arts.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSPGSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest area and play me3@ASU. |
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PSY 230: Introduction to Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • Psychology BS majors are required to take one Life Science lab course and one Physical Science lab course meeting SG or SQ requirements in addition to two required university general studies science courses.<br>• Secure a part-time job or volunteer experience. |
| Life Science Lab Course - Applied Biological Science, Biology, or Microbiology | 4 | C | |
| Historical Awareness (H) | 3 | | |
| *Complete 2 courses:*<br>Elective | 4 | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15 | |

| Term 4 46 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Related Area Course | 6 | C | |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Social-Behavioral Sciences (SB) OR Upper Division Psychology Core | 6 | C | • Network in your career interest area.<br>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.<br>• Students will select Upper Division Psychology Electives courses from the track list below. |
| CED 250: Career Development (L) | 3 | C | |
| Upper Division Psychology Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Physical Science Lab Course - Astronomy - Chemistry, Geology, or Physics | 4 | C | • Psychology BS majors are required to take one Life Science lab course and one Physical Science lab course meeting an SG or SQ requirement in addition to two required university general studies science courses.<br>• Use Handshake to research employment opportunities.<br>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.<br>• Students will select Upper Division Psychology Electives courses from the track list below. |
| *Complete 2 courses:* Upper Division Social-Behavioral Sciences (SB) OR Upper Division Psychology Core | 6 | C | |
| Upper Division Psychology Electives | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Psychology Electives | 6 | C | • Gather professional references.<br>• Apply for full-time career opportunities.<br>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.<br>• Students will select Upper Division Psychology Electives courses from the track list below. |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Psychology Core | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Psychology Electives | 3 | C | • Students will select Upper Division Psychology Core AND Upper Division |
| *Complete 2 courses:* | | | |

| | | | |
|---|---|---|---|
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Psychology Core | 6 | C | Social-Behavioral Sciences (SB) Core courses from the tracks listed below.<br>• Students will select Upper Division Psychology Electives courses from the track list below. |
| PSY 484: Internship OR Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Psychology Electives (15 Credits) | Social Behavioral Science (SB) Core (9 Credit Hours Required) | Upper Division Psychology Core (12 Credit Hours Required) |
|---|---|---|
| PSY 304: Effective Thinking (L) | PSY 341: Developmental Psychology (SB) | PSY 320: Learning and Motivation |
| PSY 306: Environmental Psychology (SB) | PSY 350: Social Psychology (SB) | PSY 323: Sensation and Perception |
| PSY 315: Personality Theory and Research (SB) | PSY 366: Abnormal Psychology (SB) | PSY 324: Memory and Cognition |
| PSY 325: Physiological Psychology | | PSY 330: Statistical Methods (CS) |
| PSY 369: Biology of Human Sexuality | | |
| PSY 385: Psychology of Gender (SB) | | |
| PSY 399: Supervised Research | | |
| PSY 425: Biological Bases of Behavior (L) | | |
| PSY 430: Industrial Psychology | | |
| PSY 444: Adolescent Psychology and Psychopathology | | |
| PSY 447: Psychology of Aging (SB) | | |
| PSY 453: Organizational Behavior (SB) | | |
| PSY 470: Psychopharmacology | | |
| PSY 472: Clinical Psychology | | |
| PSY 482: Social Influence and Consumer Behavior (SB) | | |
| Related Area Courses (6 Credit Hours) | | |
| ASB Elective | | |
| COM Elective | | |
| HSE Elective | | |
| ISS Elective | | |
| POS Elective | | |
| SOC Elective | | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of PSY courses offered by the College of Integrative Sciences and Arts.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Science, Technology and Society, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
ECSTSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STS 101: Introduction to Science, Technology and Society (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Transfer students with 64 credit hours or more transferred must take STS 304 instead of STS 101.<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STS 110: Global Technology and Development (SB & G) | 3 | C | • It is highly recommended that STS students take a statistics course for their (CS) general studies requirement.<br>• Transfer students with 64 credit hours or more transferred must take STS 317 instead of STS 110.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | • Secure a part-time job or volunteer experience. |
| Related Area Course | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Related Area Course | 3 | C |
| *Complete 2 courses:*<br>Elective | 6 | |
| Term hours subtotal: | 13 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STS 301: Research in Science and Technology Studies (SB) OR ISS 301: Integrated Social Science Research Methods (SB) OR POS 301: Empirical Political Inquiry (SB) | 3 | C | • Students must select one Upper Division Track Focus Area to complete from choices below. Please contact your advisor for further information.<br>• Build your professional connections --- join the ASU Mentor Network |
| STS 305: Science and Social Theory (SB) | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Track Focus Area Course | 6 | C | |
| Related Area Course | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STS 303: History of Science and Technology (H) | 3 | C | • Use Handshake to research employment opportunities. |
| STS 302: Philosophy of Science and Technology (SB) | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Track Focus Area Course | 6 | C | |
| Related Area Course | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STS 306: Social Effects of Science and Technology (SB) | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| Upper Division Track Focus Area Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Complete STS 305 AND STS 306 course(s). | | | |
| Term hours subtotal: | 18 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STS 484: Internship | 3 | C | |
| Upper Division Track Focus Area Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- Students must select one "Upper Division Track Focus Area" to complete from choices below.

Hide Course List(s)/Track Group(s)

| Science, Technology and Society - Individualized Track Option #1 | Science, Technology and Governance Track Option #2 | Global Technology and Development Track Option #3 |
|---|---|---|
| Students will work with the CISA Polytechnic Social Science faculty head and faculty to create a program of study specific to the student's areas of interest. Students will complete 18 credit hours of coursework in this Track. | POS 310: American National Government (SB) | STS 328: Science, Technology, and Culture (SB) |
| | STS 318: Science, Technology, and Government (SB) | STS 329: Technology in Developing Countries (SB & G) |
| | STS 325: Science, Technology, and Public Policy (SB) | STS 330: Information Technology and Globalization (SB & G) |
| | STS 331: Ethical Issues in Science and Technology (SB) | STS 331: Ethical Issues in Science and Technology (SB) |
| | STS 364: Science, Technology, and National Security (SB) | STS 332: Global Issues in Science and Technology (SB) |
| | STS 425: Law, Values, Science, and Technology (SB) | STS 364: Science, Technology, and National Security (SB) |

| Related Area Courses |
|---|
| AES OR AFR OR AIS OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR HST OR ISS OR JUS OR MIS OR PHI OR POS OR PSY OR REL OR SGS OR SOC OR SOS OR TCL OR VTS OR WST Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Technical Communication, BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSTECBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor<br>• Secure a part-time job or volunteer experience. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Global Awareness (G) | 3 | | |
| Historical Awareness (H) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | • Develop your professional online presence. |
| TWC 401: Fundamentals of Technical Communication (L) | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 421: Principles of Web Authoring (L) | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.<br>• Use Handshake to research employment opportunities. |
| TWC 431: Principles of Technical Editing | 3 | C | |
| Upper Division TWC 400-level Electives | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 411: Principles of Visual Communication (L) | 3 | C | • TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year.<br>• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.<br>• Gather professional references. |
| Upper Division TWC 400-level Electives | 3 | C | |
| TWC Upper Division Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Apply for full-time career opportunities.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 490: Capstone | 3 | C | • TWC Upper Division Elective: any TWC 300/400 course will fulfill this area.<br>• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| *Complete 2 courses:*<br>TWC Upper Division Elective | 6 | C | |
| Upper Division Related Area Course | 3 | C | |
| Elective OR TWC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| TWC 4** Electives |
|---|
| TWC 414: Visualizing Data and Information |
| TWC 422: Social Media in the Workplace |
| TWC 435: Global Issues in Technical Communication (G) |
| TWC 436: Project Management in Technical Communication |
| TWC 443: Grant & Proposal Writing |
| TWC 444: User Experience |
| TWC 445: Content Strategy |
| TWC 446: Technical and Scientific Reports (L) |
| TWC 451: Copyright and Intellectual Property in the Electronic Age |
| TWC 452: Information in the Digital Age |
| TWC 453: Information and Communications Technology in American History (L & H) |
| TWC 454: Information Technology and Culture (C) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Technical Communication, BS

School/College: College of Integrative Sciences and Arts
Location: Online, ASU Local@Los Angeles
LSTECBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-ONL: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Secure a part-time job or volunteer experience. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| Related Area course | 3 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 6 | |

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

| Term 4 - A 38 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Build your professional connections --- join the ASU Mentor Network

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 401: Fundamentals of Technical Communication (L) | 3 | C | |
| Upper Division Related area course | 3 | C | |
| Term hours subtotal: | 6 | | |

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 421: Principles of Web Authoring (L) | 3 | C | |

| | | | |
|---|---|---|---|
| Elective | 3 | | • Use Handshake to research employment opportunities. |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 431: Principles of Technical Editing | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| Upper Division Related area course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 411: Principles of Visual Communication (L) | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| Upper Division Related area course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division TWC 400-level Electives | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division TWC 400-level Electives | 3 | C | • TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year. |
| TWC Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC Upper Division Elective | 3 | C | • TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year.

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC Upper Division Elective | 3 | C | • TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 490: Capstone | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

TWC 400-level Electives

- TWC 414: Visualizing Data and Information
- TWC 422: Social Media in the Workplace
- TWC 435: Global Issues in Technical Communication (G)
- TWC 436: Project Management in Technical Communication
- TWC 443: Grant & Proposal Writing
- TWC 444: User Experience
- TWC 445: Content Strategy
- TWC 446: Technical and Scientific Reports (L)
- TWC 451: Copyright and Intellectual Property in the Electronic Age
- TWC 452: Information in the Digital Age
- TWC 453: Information and Communications Technology in American History (L & H)
- TWC 454: Information Technology and Culture (C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Technical Communication (User Experience), BS

School/College: College of Integrative Sciences and Arts
Location: Polytechnic campus
LSTECUBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Mathematics (MA) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Concentration Elective Course | 3 | C | • Secure a part-time job or volunteer experience. |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| Concentration Elective Course | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| Related Area Course | 3 | C | |
| Historical Awareness (H) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| TWC 401: Fundamentals of Technical Communication (L) | 3 | C | |
| HSE 325: Human-Computer Interaction | 3 | C | |
| TWC Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 411: Principles of Visual Communication (L) | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.<br>• Use Handshake to research employment opportunities. |
| GIT 340: Information Design and Usability | 3 | C | |
| TWC 431: Principles of Technical Editing | 3 | C | |
| TWC Upper Division Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 421: Principles of Web Authoring (L) | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.<br>• Gather professional references.<br>• Apply for full-time career opportunities |
| TWC 444: User Experience | 3 | C | |
| Upper Division Concentration Elective Course | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 490: Capstone | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| TWC 4** Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Elective OR TWC 484: Internship | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Concentration Elective Courses (9 Credits total, 3 Upper Division Credits minimum) |
|---|
| GIT 210: Creative Thinking and Design Visualization |
| GIT 402: New Media Internet Technologies |
| HSE 224: Applied Social Science (SB) |
| HSE 225: Human Systems Integration |
| HSE 230: Statistics for Human Systems Research I (CS) |
| HSE 290: Experimental Methods for Human Systems Research (L) |
| HSE 324: Applied Cognitive Science (SB) |
| HSE 390: Qualitative Research Methods (L) |
| HSE 428: Judgment and Decision Making |
| TWC 414: Visualizing Data and Information |
| TWC 436: Project Management in Technical Communication |
| TWC 445: Content Strategy |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Technical Communication (User Experience), BS

School/College: College of Integrative Sciences and Arts
Location: Online, ASU Local@Los Angeles
LSTECUBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-ONL: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) ( MAT 142 recommended) | 3 | | • View ASU Online first-year student registration information here.<br>• Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Concentration Elective Course | 3 | C | • Secure a part-time job or volunteer experience. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 - B 32 - 38 Credit Hours | Hours | Grade | Notes |
|---|---|---|---|
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Concentration Elective Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | • Build your professional connections --- join the ASU Mentor Network |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | |
| HSE 325: Human-Computer Interaction | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 401: Fundamentals of Technical Communication (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 421: Principles of Web Authoring (L) | 3 | C | • Use Handshake to research employment opportunities. |
| TWC Upper Division Elective | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 411: Principles of Visual Communication (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 340: Information Design and Usability | 3 | C | |
| TWC 431: Principles of Technical Editing | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Related Area Course | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC Upper Division Elective | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| Upper Division Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 444: User Experience | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Course | 3 | C | • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - |
| Upper Division Concentration Elective Course | 3 | C | |
| Term hours subtotal: | 6 | | |

courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 4** Elective | 3 | C | |
| Elective OR TWC 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 490: Capstone | 3 | C | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

Concentration Elective Courses (9 credits total, minimum 3 upper division credits)

- GIT 210: Creative Thinking and Design Visualization
- GIT 402: New Media Internet Technologies
- HSE 230: Statistics for Human Systems Research I (CS)
- HSE 290: Experimental Methods for Human Systems Research (L)
- HSE 324: Applied Cognitive Science (SB)
- TWC 414: Visualizing Data and Information
- TWC 436: Project Management in Technical Communication
- TWC 445: Content Strategy

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Computing, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU@Lake Havasu
ASACOBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 101: Introduction to Computer Science (CS) | 3 | C | • Prerequisite MAT coursework may be required in Term 1 to prepare for MAT 210 (or higher-level MA) in Term 2. MAT 117 with a C or better serves as a prerequisite for MAT 210.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 102: Object-Oriented Programming (CS) | 3 | C | • Completion of ACO 101 and ACO 102 (with a C or better) fulfills the New College Proficiency - Language and Cultures requirement.<br>• MAT 210 or higher-level (MA) accepted. MAT 251 recommended.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 201: Data Structures and Algorithms (CS) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| MAT 243: Discrete Mathematical Structures | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 240: Introduction to Programming Languages | 3 | C | • Explore an internship, an IGLE international experience, or ASU study abroad. |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 320: Database Systems | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| ACO 330: Computer Networks | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 13 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 350: Systems Programming (CS) | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Applied Computing Elective | 3 | C | |
| Upper Division Communication Elective | 3 | C | |
| Liberal Arts Elective | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Complete ACO 320 AND ACO 330 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Applied Computing Capstone Semester 1 | 3 | C | • Completion of ACO 320 and ACO 330 with a C or better is required to enroll in ACO 484 and ACO 499. ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum of three credit hours per semester (six hours total in the major). Subject of study must include databases, networks or cyber-security; faculty approval required.<br>• Gather professional references. |
| Upper Division Applied Computing Elective | 3 | C | |
| Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Upper Division Liberal Arts Elective | 3 | C | |
| Diversity Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Applied Computing Capstone Semester 2 | 3 | C | • Completion of ACO 320 and ACO 330 with a C or better is required to enroll in ACO 484 and |

| | | | |
|---|---|---|---|
| ★ | Upper Division Applied Computing Elective | 3 | C |
| | Upper Division Liberal Arts Elective | 3 | C |
| | *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| | Term hours subtotal: | 15 | |

ACO 499. ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum of three credit hours per semester (six hours total in the major). Subject of study must include databases, networks or cyber-security; faculty approval required.

- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| Upper Division Applied Computing Electives |
|---|
| ACO 321: Database Development & Applications |
| ACO 331: Network Forensics Analysis |
| ACO 351: Governance, Risk and Compliance |
| ACO 361: Secure Coding Concepts |
| ACO 394: Special Topics |
| ACO 420: Big Data Systems |
| ACO 421: Data Mining and Warehousing |
| ACO 423: Data Science |
| ACO 430: Wireless Networks |
| ACO 431: Network Security |
| ACO 432: Distributed Systems |
| ACO 461: Security Operations |
| ACO 494: Special Topics |

| Upper Division Applied Computing Capstone |
|---|
| ACO 484: Internship |
| ACO 499: Individualized Instruction |

| Upper Division Communication Elective |
|---|
| COM 316: Gender and Communication (SB & C) |
| COM 317: Nonverbal Communication (SB) |
| COM 353: Professional Communication |
| COM 371: Language, Culture, and Communication (SB & C & G) |
| COM 415: Risk Communication |
| COM 416: Gender and Race in the Media |
| COM 457: New Media |
| COM 459: Theory and Methods of Social Media Networks |
| COM 471: Global Media and Cultural Identity (G) |
| COM 477: Sport, Culture, and Discourses |

| Upper Division Ethics Electives |
|---|
| IAS 340: Bioethics (HU) |
| IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) |
| IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) |
| IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) |
| PHI 306: Applied Ethics (HU) |
| PHI 360: Business and Professional Ethics (HU) |

| Diversity Electives |
|---|
| ASB 211: Women in Other Cultures ((HU or SB) & G) |
| COM 263: Elements of Intercultural Communication (SB & C & G) |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) |
| POS 480: Global Justice (G) or SBS 480: Global Justice (G) |
| PSY 385: Psychology of Gender (SB) |
| REL 390: Women, Gender and Religion (HU & G) or WST 390: Women, Gender and Religion (HU & G) |
| SBS 301: Cultural Diversity ((L or SB) & C) |
| WST 220: Gender, Media and Culture (HU & C) |

| Liberal Arts Electives |
|---|
| AMS Elective |
| ASB Elective |
| COM Elective |
| DST Elective |
| ENG Elective |
| ETH Elective |
| HRC Elective |
| HST Elective |
| IAP Elective |
| IAS Elective |
| JHR Elective |
| LAS Elective |

| |
|---|
| NEW Elective |
| PAX Elective |
| PHI Elective |
| POS Elective |
| PSY Elective |
| REL Elective |
| SBS Elective |
| SOC Elective |
| SPA Elective |
| WST Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Computing (Cybersecurity), BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASACOCBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 101: Introduction to Computer Science (CS) | 3 | C | • Prerequisite MAT coursework may be required in Term 1 to prepare for MAT 210 (or higher-level MA) in Term 2. MAT 117 with a C or better serves as a prerequisite for MAT 210.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 102: Object-Oriented Programming (CS) | 3 | C | • Completion of ACO 101 and ACO 102 (with a C or better) fulfills the New College Proficiency - Language and Cultures requirement.<br>• MAT 210 or higher-level (MA) accepted. MAT 251 recommended.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| COM 100: Introduction to Human Communication (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 201: Data Structures and Algorithms (CS) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| MAT 243: Discrete Mathematical Structures | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 240: Introduction to Programming Languages | 3 | C | • Explore an internship, an IGLE international experience, or ASU study abroad. |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 320: Database Systems | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| ACO 330: Computer Networks | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 350: Systems Programming (CS) | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| ACO 361: Secure Coding Concepts | 3 | C | |
| ACO 430: Wireless Networks | 3 | C | |
| Diversity Elective | 3 | C | |
| Elective | 3 | | |
| Complete ACO 320 AND ACO 330 course(s). | | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Applied Computing Capstone Semester 1 | 3 | C | • Completion of ACO 320 and ACO 330 with a C or better is required to enroll in ACO 484 and ACO 499. ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum of three credit hours per semester (six hours total in the major). Subject of study requires faculty approval.<br>• If planning to take ACO 402 in Term 8, ACO 401 must be taken to fulfill Upper Division Cybersecurity Elective in Term 7 (ACO 401 is a prerequisite to ACO 402). |
| ACO 431: Network Security | 3 | C | |
| ACO 461: Security Operations | 3 | C | |
| Upper Division Communication Elective | 3 | C | |
| Upper Division Cybersecurity Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

- If ACO 394 or ACO 494 is taken to meet the Upper Division Cybersecurity Elective requirement, it must be a security-related topic. See academic advisor prior to enrollment.
- Gather professional references.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Applied Computing Capstone Semester 2 | 3 | C | • Completion of ACO 320 and ACO 330 with a C or better is required to enroll in ACO 484 and ACO 499. ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum of three credit hours per semester (six hours total in the major). Subject of study requires faculty approval.<br>• Apply for full-time career opportunities. |
| ACO 351: Governance, Risk and Compliance OR ACO 402: Privacy, Ethics and Compliance Issues | 3 | C | |
| Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Cybersecurity Elective |
|---|
| ACO 331: Network Forensics Analysis |
| ACO 394: Special Topics |
| ACO 401: Managing Cyber Risks in Enterprise Business Processes |
| ACO 494: Special Topics |
| FOR 350: Computer Forensics |

| Upper Division Applied Computing Capstone |
|---|
| ACO 484: Internship |
| ACO 499: Individualized Instruction |

| Upper Division Communication Elective |
|---|
| COM 316: Gender and Communication (SB & C) |
| COM 317: Nonverbal Communication (SB) |
| COM 353: Professional Communication |
| COM 371: Language, Culture, and Communication (SB & C & G) |
| COM 415: Risk Communication |
| COM 416: Gender and Race in the Media |
| COM 457: New Media |
| COM 459: Theory and Methods of Social Media Networks |
| COM 471: Global Media and Cultural Identity (G) |
| COM 477: Sport, Culture, and Discourses |

| Diversity Elective |
|---|
| ASB 211: Women in Other Cultures ((HU or SB) & G) |
| COM 263: Elements of Intercultural Communication (SB & C & G) |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) |
| POS 480: Global Justice (G) or SBS 480: Global Justice (G) |
| PSY 385: Psychology of Gender (SB) |

| Upper Division Ethics Elective |
|---|
| IAS 340: Bioethics (HU) |
| IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) |
| IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) |
| IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) |
| PHI 306: Applied Ethics (HU) |

| | |
|---|---|
| SBS 301: Cultural Diversity ((L or SB) & C) | PHI 360: Business and Professional Ethics (HU) |
| WST 220: Gender, Media and Culture (HU & C) | |
| WST 390: Women, Gender and Religion (HU & G) or REL 390: Women, Gender and Religion (HU & G) | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Mathematics, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASMATBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 101: Introduction to Computer Science (CS) | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 102: Object-Oriented Programming (CS) | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| STP 280: Probability and Statistics for Researchers (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| MAT 275: Modern Differential Equations (MA) | 3 | C | • Explore an internship, an IGLE international experience, or ASU study abroad. |
| STP 281: Statistical Analysis for Researchers | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 16 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 300: Mathematical Structures (L) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence . |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 350: Techniques and Applications of Applied Mathematics | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| MAT 371: Advanced Calculus I | 3 | C | |
| MAT 421: Applied Computational Methods (CS) | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 452: Introduction to Chaos and Nonlinear Dynamics | 3 | C | • Gather professional references. |
| *Complete 2 courses:*<br>Upper Division Applied Math Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) OR Upper Division Social-Behavioral Sciences (SB) AND Historical Awareness (H) ( MAT 411 recommended) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 450: Mathematical Models in Biology OR MAT 451: Mathematical Modeling (CS) | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Applied Math Elective | 3 | C | |
| Upper Division Elective OR LSC 484: Internship | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- Maximum of six credit hours of MAT 499 allowed. If also taking MAT 492, then only three credit hours of MAT 499 are allowed.

Hide Course List(s)/Track Group(s)

| Upper Division Applied Math Electives |
| --- |
| ACO 320: Database Systems |
| ACO 331: Network Forensics Analysis |
| ACO 420: Big Data Systems |
| ACO 421: Data Mining and Warehousing |
| ACO 422: XML and Databases |
| ACO 423: Data Science |
| LSC 388: STEM Research Fundamentals (L) |
| MAT 419: Introduction to Linear Optimization (CS) |
| MAT 429: Optimization |
| MAT 443: Introduction to Abstract Algebra |
| MAT 445: Theory of Numbers |
| MAT 450: Mathematical Models in Biology or MAT 451: Mathematical Modeling (CS) |
| MAT 461: Applied Complex Analysis |
| MAT 462: Applied Partial Differential Equations |
| MAT 472: Intermediate Real Analysis I |
| MAT 484: Internship |
| MAT 492: Honors Directed Study |
| MAT 499: Individualized Instruction |
| STP 310: Design and Analysis of Experiments |
| STP 311: Regression and Time Series Analyses |
| STP 421: Probability |
| STP 427: Mathematical Statistics |
| STP 450: Nonparametric Statistics |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science, BAS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASBASBAS

- Students may complete the BAS program requirements in 45-60 upper-division credit hours, determined by choice of area of concentration and number of general studies requirements completed in AAS degree.
- Working with an advisor, students will select a minor available at ASU or construct an individualized concentration with a coherent theme or purpose.

| **Applicable Community College Prerequisites 0 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| **Term 5 60 - 72 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | C | • Core requirements and area of concentration courses may be used to apply toward general studies requirements, as allowed.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile.<br>• Create a first draft resume.<br>• Join a student club or professional organization. |
| EDT 321: Computer Literacy: Mobile Technologies and Your World (CS) OR SBS 304: Social Statistics I (CS) | 3 | C | |
| *Complete 2 courses:*<br>Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 12 | | |

| **Term 6 72 - 87 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Concentration Course | 3 | C | • Students should work with their academic advisor to determine any needed general studies requirements and take those in place of electives.<br>• Secure a part-time job or volunteer experience. |
| IAS 305: Work and Identity (SB) OR COM 316: Gender and Communication (SB & C) | 3 | C | |
| Upper Division Aesthetics/Creativity AND Humanities, Arts and Design (HU) | 3 | C | |

| | | | |
|---|---|---|---|
| | Upper Division Elective | 3 | |
| | Any needed lower division General Studies requirement OR Elective | 3 | |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Term hours subtotal: | 15 | |

- Develop your research skills.
- Develop your professional skills.
- Build your professional connections -- join the ASU Mentoring Network.
- Explore an internship, an IGLE international experience, or ASU Study Abroad.

| **Term 7 87 - 102 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Concentration Course | 6 | C | |
| ENG 301: Writing for the Professions (L) | 3 | C | |
| Upper Division Ethics AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Thinking about graduate school? Consider registering for a grad school test prep course.
- Develop your professional online presence.
- Use Handshake to research employment opportunities.

| **Term 8 102 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ *Complete 3 courses:* Upper Division Concentration Course | 9 | C | |
| ENG 311: Persuasive Writing (L) | 3 | C | |
| IAS 480: Capstone: Practices and Approaches OR IAS 484: Internship | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 18 | | |

- Complete an in person or virtual practice interview.
- Gather professional references.
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| Aesthetics/Creativity |
|---|
| ARS 300: Introduction to Art (HU) |
| IAP 301: Energetic Systems of Art: Collaboration in the Arts (HU) |
| IAP 307: Art and War (HU & G) |
| IAP 464: Media and Diversity (HU & G) |
| MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H) |
| MUS 347: Jazz in America (HU & C) |
| MUS 349: Music in America (HU & H) |
| MUS 354: Popular Music (HU) |
| MUS 355: American Music (HU & C & H) |
| MUS 410: History of Women in Music (HU & C & H) |
| THE 320: History of the Theatre I (HU & H) |
| THE 321: History of the Theatre II (HU & H) |

| Ethics |
|---|
| IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) |
| IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) |
| IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) |
| IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) |
| IAS 410: Evolution of Ideas (L or HU) |
| IAS 430: Science and Religion (L or HU) |
| PHI 306: Applied Ethics (HU) |
| PHI 318: Philosophy of Religion (HU) |
| PHI 360: Business and Professional Ethics (HU) |
| PHI 408: Feminist Ethics (HU) |

REL 401: Sacred Scriptures and Social Choices (HU & G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biology, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASLSCBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • MAT 170 (MA) or higher-level (MA) accepted.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cognate Requirement Set A OR Cognate Requirement Set B | 4 | C | • Students will complete one of two sets of Cognate coursework over two terms. Choose either Set A or B below.<br>• The only students who need the two semester sequence of organic chemistry courses (CHM 233, CHM 237, CHM 234 and CHM 238) are those who plan to apply to a graduate school in a health profession. All that is required for the degree is CHM 231 and CHM 235.<br>• If students select the two semester sequence of organic chemistry, then they will take |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

CHM 234 and 238 in place of elective credits in Term 4.

- Develop your research skills.
- Develop your professional skills.
- Build your professional connections -- join the ASU Mentor Network.

| Term 4 43 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cognate Requirement Set A OR Cognate Requirement Set B | 4 | C | • Students will complete remaining option in chosen set of Cognate coursework.<br>• If students plan to apply to a graduate school in a health profession and completed CHM 233 and CHM 237 in Term 3, then they should take CHM 234 and CHM 238 in Term 4 (C or better required) instead of electives.<br>• Students who elected to take CHM 231 and CHM 235 in Term 3 should take four credit hours of electives in Term 4.<br>• Explore an internship, an IGLE international experience, or ASU study abroad. |
| Computer/Statistics/Quantitative Applications (CS) ( STP 226 recommended) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective ( CHM 234 recommended) | 3 | | |
| Elective ( CHM 238 recommended) | 1 | | |
| Complete CHM 113 and CHM 116 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LSC 347: Fundamentals of Genetics | 3 | C | • Upper Division Biology Electives limited to course list or BIO, ENV, LSC, MIC, PLB or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment.<br>• IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Biology Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 353: Cell Biology | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| BIO 320: Fundamentals of Ecology | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Biology Electives | 6 | C | • Upper Division Biology Electives limited to course list or BIO, ENV, LSC, MIC, PLB or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment.<br>• Gather professional references. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Biology Electives | 6 | C | • Upper Division Biology Electives limited to course list or BIO, ENV, LSC, MIC, PLB or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment.<br>• Apply for full-time career opportunities. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Biology Elective Courses | Cognate Requirement Set A | Cognate Requirement Set B |
|---|---|---|
| BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |
| BIO 345: Evolution | PHY 101: Introduction to Physics (SQ) | PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) |
| BCH Upper Division Elective | | |
| BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory | | |
| BIO 370: Vertebrate Zoology | | |
| BIO 385: Comparative Invertebrate Zoology | | |
| BIO 443: Applied Molecular Genetics and Genomics | | |
| BIO 474: Herpetology | | |
| BIO 495: Undergraduate Research | | |
| BIO Upper Division Elective | | |
| ENV 394: Animal Behavior in a Changing Environment or LSC 394: Animal Behavior in a Changing Environment | | |

ENV Upper Division Elective

LSC 363: Genes, Race, Gender, and Society (L)

LSC 369: Biology of Human Sexuality

LSC 388: STEM Research Fundamentals (L)

LSC 434: Marine Ecology

LSC 484: Internship

LSC 493: Honors Thesis (L) or BIO 493: Honors Thesis (L)

LSC 499: Individualized Instruction or BIO 499: Individualized Instruction

LSC Upper Division Elective

MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory

MIC Upper Division Elective

PLB 300: Plant Diversity and Evolution (L or SG)

PLB 310: The Flora of Arizona

PLB Upper Division Elective

PTX Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biology, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU@Lake Havasu
ASLSCBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • MAT 210 or higher-level (MA) accepted. MAT 251 (MA) recommended. Students considering research or graduate/medical/professional school may consider the MAT 270 and MAT 271 calculus sequence as an alternative (this may require more than 120 credits to complete degree).<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Students taking MAT 270 AND MAT 271 in place of MAT 210 still must complete a Statistics course. Students wishing to take STP 226 can take MAT 271 in place of STP 226 in Term 2, and then take STP 226 in a later term.<br>• Students considering medical school, graduate school, or research are encouraged to enroll in STP 280 (and 281 the following semester) in place of STP 226 so that they have a full year of statistics. Note that MAT 270 and 271 are pre-requisites for STP 280 and 281 respectively. This may require more than 120 hours to complete the degree.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| **Term 4 44 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 2 | | |
| Complete CHM 113, CHM 116 course(s). | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 60 - 76 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C | • See note below regarding Upper Division Related Area Elective requirements.<br>• IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Related Area Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| **Term 6 76 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory | 4 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory | 4 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| | | **Minimum** | |
|---|---|---|---|

| Term 7 90 - 106 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ Upper Division Distribution Course | 4 | C | • Students must select a minimum of one lecture or lecture/lab combined course from each one of the three distribution areas: Cellular, Molecular, and Physiological Biology; Integrative Systems Ecology; Organismal Biology.<br>• See note below regarding Upper Division Related Area Elective requirement.<br>• Gather professional references. |
| Upper Division Related Area Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) ( ASB 353 OR SOC 353 recommended) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:*<br>Upper Division Distribution Course | 8 | C | • Students must select a minimum of one lecture or lecture/lab combined course from each one of the three distribution areas: Cellular, Molecular, and Physiological Biology; Integrative Systems Ecology; Organismal Biology.<br>• Apply for full-time career opportunities. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 14 | | |

- 
  - Students must select a minimum of one lecture or lecture/lab combined course from each of the three Biology Distribution Areas: Cellular, Molecular and Physiological Biology; Integrative Systems Ecology; and Organismal Biology.
  - Upper Division Related Area Electives limited to courses designated for Biology (or related) majors in BCH, BIO, ENV, LSC, MIC, PLB or PTX courses with BIO 182 as a prerequisite. Courses taken that do not require BIO 182 as a prerequisite will be used towards General University Elective requirements. Not from BIO 305, 310, 311, 312, 365, 394, 494 or LSC 365. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 and BIO 495 may be applied to this requirement.

Hide Course List(s)/Track Group(s)

| Cellular, Molecular and Physiological Biology Distribution Course List | Integrative Systems Ecology Distribution Course List | Organismal Biology Distribution Course List |
|---|---|---|
| BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | BIO 345: Evolution | BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory |
| BIO 431: Genes, Development, and Evolution (L) | BIO 422: Ecosystem Ecology | BIO 370: Vertebrate Zoology |
| BIO 443: Applied Molecular Genetics and Genomics AND LSC 447: Molecular Genetics Laboratory | ENV 410: Soil Science | BIO 385: Comparative Invertebrate Zoology |
| PTX 301: Basics of Pharmacology and Toxicology | LSC 362: The Human Environment | BIO 474: Herpetology |
| | LSC 434: Marine Ecology | ENV 394: Animal Behavior in a Changing Environment or LSC 394: Animal Behavior in a Changing Environment |
| | PLB 300: Plant Diversity and Evolution (L or SG) | MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory |
| | | PLB 302: Plants and Civilization (L) |

PTX 432: Fundamentals of Pharmacology or
LSC 432: Fundamentals of Pharmacology

PLB 308: Plant Physiology

PLB 310: The Flora of Arizona

Upper Division Related Area Electives

BCH Upper Division Elective

BIO Upper Division Elective

ENV Upper Division Elective

LSC Upper Division Elective

PLB Upper Division Elective

PTX Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biology (Pharmacology/Toxicology), BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASLSCPBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • MAT 210 or higher-level (MA) accepted. MAT 251 recommended. Students considering graduate school or research may consider the MAT 270 and MAT 271 calculus sequence as an alternative. This may require more than 120 credit hours to complete the degree.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Students can take MAT 271 in Term 2 and STP 226 in a later term.<br>• Students considering medical school, graduate school, or research are encouraged to enroll in STP 280 (and 281 the following semester) in place of STP 226 so that they have a full year of statistics. Note that MAT 270 and 271 are pre-requisites for STP 280 and 281, respectively. This may require more than 120 hours to complete the degree.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |

| | | |
|---|---|---|
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Complete CHM 113, CHM 116 course(s). | | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | • Explore an internship, an IGLE international experience, or ASU study abroad. |
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| LSC 362: The Human Environment | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory | 4 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 90 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | 4 | C | • Gather professional references. |
| PTX 432: Fundamentals of Pharmacology OR LSC 432: Fundamentals of Pharmacology | 3 | C | |
| MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory | 4 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition | | | |

| | | |
|---|---|---|
| to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Term hours subtotal: | 14 | |

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PTX 475: Principles of Toxicology OR LSC 475: Principles of Toxicology | 3 | | • Apply for full-time career opportunities. |
| BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory | 4 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) ( ASB 353 OR SOC 353 recommended) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Biotechnology and Bioenterprise, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASBITEBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • MAT 210 or higher-level MA accepted. MAT and STP requirements differ according to Focus Area selection: (1) Biotechnology: MAT 210 or higher-level (MA), STP 226. (2) Bioentrepreneurship: MAT 210 or higher-level (MA), STP 226. (3) Biostatistics: MAT 270, MAT 271, STP 280, STP 281.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15-16 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Focus Area determines STP course in Term 2: for Biotechnology or Bioentrepreneurship Focus Area, complete STP 226; for Biostatistics Focus Area, complete STP 280.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) OR STP 280: Probability and Statistics for Researchers (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | • General Electives credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor.<br>• Develop your research skills.<br>• Develop your professional skills. |
| LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |

| | | | |
|---|---|---|---|
| Elective | 3 | | • Build your professional connections -- join the ASU Mentor Network. |
| Complete CHM 113 AND CHM 116 course(s). | | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| **Term 4 43 - 61 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Focus Area Course | 4-3 | C | • Students choosing the Bioentrepreneurship Focus Area should complete TMC 110 as their first Focus Area course.<br>• Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| TEM 230: Creativity and Business Innovation | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 18-17 | | |

| **Term 5 61 - 76 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory | 4 | C | • General Electives credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 76 - 92 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Focus Area Course | 4-3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• General Electives credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16-15 | | |

| **Term 7 92 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory | 4 | C | • Students in the Biostatistics Focus Area and the Bioentrepreneurship Focus Area complete a Focus Area course in this term.<br>• General Electives credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor.<br>• Gather professional references. |
| Focus Area Course | 0-3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:* | | | |

| | | | |
|---|---|---|---|
| Upper Division Elective | 6 | | |
| Term hours subtotal: | 13-16 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ LSC 484: Internship | 3 | C | • Students in the Bioentrepreneurship Focus Area complete a Focus Area course in this term.<br>• General Electives credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor.<br>• Apply for full-time career opportunities. |
| Focus Area Course | 0-3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6-5 | | |
| Term hours subtotal: | 15-17 | | |

- Students select one Focus Area and complete all courses listed for that Focus Area. General Elective credit hours will be adjusted depending on chosen Focus Area. Please consult your advisor.

Hide Course List(s)/Track Group(s)

| Biostatistics Focus Area | Biotechnology Focus Area | Bioentrepreneurship Focus Area |
|---|---|---|
| MAT 271: Calculus with Analytic Geometry II (MA) | BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | TMC 110: Understanding the Enterprise |
| STP 281: Statistical Analysis for Researchers | BIO 443: Applied Molecular Genetics and Genomics AND LSC 447: Molecular Genetics Laboratory | TMC 310: Promotion of the Enterprise |
| STP 310: Design and Analysis of Experiments | | TMC 320: Funding the Enterprise |
| | | TMC 330: Leading the Enterprise |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Communication, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU@Lake Havasu
ASCOMMBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 207: Introduction to Communication Inquiry | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM Elective | 3 | C | • Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper-division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements.<br>• Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper-division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| *Complete 2 courses:*<br>COM Upper Division Elective | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication | 3 | C | • Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper-division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| COM Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* COM Upper Division Elective | 6 | C | • Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper-division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements.<br>• Gather professional references. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* COM Upper Division Elective | 6 | C | • Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper-division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements.<br>• Apply for full-time career opportunities. |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Communication, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU@Lake Havasu
ASCOMMBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) | 3 | C | • Student should consult an advisor on (MA) course selection to ensure pre-requisites for selected Statistics/Research requirement are met.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Mathematics (MA) | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 207: Introduction to Communication Inquiry | 3 | C | • Student should select PSY 101 to meet (SB) requirement if interested in taking PSY 230 to satisfy 3 credit hours of Statistics/Research requirement.<br>• Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) ( PSY 101 recommended) | 3 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication | 3 | C | • Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements.<br>• IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| PSY 330: Statistical Methods (CS) OR SBS 304: Social Statistics I (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| *Complete 2 courses:*<br>COM Elective | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication | 3 | C | • Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>COM Upper Division Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ *Complete 2 courses:*<br>COM Upper Division Elective | 6 | C | • Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements.<br>• Gather professional references. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ *Complete 2 courses:*<br>COM Upper Division Elective | 6 | C | • Communication (COM) Electives: 24 credit hours with a C or better; 18 credit hours must be upper division. A maximum of six credit hours of COM experiential courses (COM 294, COM 314, COM 382, COM 383, COM 483, COM 484, COM 499) may be taken toward the 24 hour COM Elective requirements. No more than six credit hours of COM 498 may be used to meet major requirements.<br>• Apply for full-time career opportunities. |
| Upper Division Elective OR COM 484: Internship | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Computational Forensics, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASCPFBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 101: Introduction to Computer Science (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Select your career interest area and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FOR 105: Physical Evidence and the Crime Scene (SQ) | 4 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 102: Object-Oriented Programming (CS) | 3 | C | • Completion of ACO 101 and ACO 102 (with a C or better) fulfills the New College Proficiency - Language and Cultures Requirement.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FOR 106: Biology Behind the Crime Scene (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| ACO 131: Global Cybersecurity (G) | 3 | C | |
| ACO 201: Data Structures and Algorithms (CS) | 3 | C | |
| STP 280: Probability and Statistics for Researchers (CS) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MAT 275: Modern Differential Equations (MA) | 3 | C |
| ACO 240: Introduction to Programming Languages | 3 | C |
| MAT 243: Discrete Mathematical Structures OR MAT 300: Mathematical Structures (L) | 3 | C |
| STP 281: Statistical Analysis for Researchers | 3 | C |
| Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 15 | |

- Explore an internship, ASU study abroad, or an IGLE international experience.

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| ACO 320: Database Systems | 3 | C |
| MAT 343: Applied Linear Algebra | 3 | C |
| STP 310: Design and Analysis of Experiments | 3 | C |
| STP 311: Regression and Time Series Analyses | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | |
| Term hours subtotal: | 15 | |

Notes:
- IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101.
- Thinking about graduate school? Consider registering for a graduate test prep course.
- Develop your professional online presence.

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| MAT 350: Techniques and Applications of Applied Mathematics | 3 | C |
| STP 450: Nonparametric Statistics | 3 | C |
| Humanities, Arts and Design (HU) | 3 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Upper Division Elective | 3 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

Notes:
- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| ACO 423: Data Science | 3 | C |
| *Complete 2 courses:* Upper Division Computational Forensics Elective | 6-8 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 15-17 | |

Notes:
- Gather professional references.

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| FOR 350: Computer Forensics | 3 | C |
| *Complete 2 courses:* Computational Forensics Elective | 6-8 | C |
| *Complete 2 courses:* Upper Division Elective | 6 | |
| Term hours subtotal: | 15-17 | |

Notes:
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| Computational Forensics Elective |
| --- |
| ACO 321: Database Development & Applications |
| ACO 420: Big Data Systems |
| BIO 181: General Biology I (SQ) |
| BIO 182: General Biology II (SG) |
| CHM 113: General Chemistry I (SQ) |
| CHM 116: General Chemistry II (SQ) |
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II |
| FOR 286: Principles of Forensic Science |
| FOR 402: Forensic Biology |
| LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory |
| MAT 421: Applied Computational Methods (CS) |
| MAT 450: Mathematical Models in Biology |
| MAT 452: Introduction to Chaos and Nonlinear Dynamics |

| Upper Division Computational Forensics Elective |
| --- |
| ACO 321: Database Development & Applications |
| ACO 420: Big Data Systems |
| FOR 402: Forensic Biology |
| LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory |
| MAT 421: Applied Computational Methods (CS) |
| MAT 450: Mathematical Models in Biology |
| MAT 452: Introduction to Chaos and Nonlinear Dynamics |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Conflict Resolution, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASCNRBA

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H or NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-H or NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience OR NEW 101-H: The ASU New College Experience | 1 | | |
| Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 222: Argumentation (L) OR COM 230: Small Group Communication (SB) OR COM 263: Elements of Intercultural Communication (SB & C & G) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Historical Awareness (H) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAX 230: Introduction to Peace Studies (G) OR JHR 100: Introduction to Social Justice and Human Rights (SB & G) | 3 | C | • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Humanities, Arts and Design (HU) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 312: Communication, Conflict, and Negotiation | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course .<br>• Develop your professional online presence.<br>• Conflict Resolution Focus Area: students select three of the four focus areas below and complete nine credits hours in each, for 27 total credit hours. |
| *Complete 2 courses:* Upper Division Conflict Resolution Focus Area Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Conflict Resolution Focus Area Course | 6 | C | • Conflict Resolution Focus Area: students select three of the four focus areas below and complete nine credits hours in each, for 27 total credit hours.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:* Upper Division Conflict Resolution Focus Area Course | 9 | C | • Conflict Resolution Focus Area: students select three of the four focus areas below and complete nine credits hours in each, for 27 total credit hours.<br>• Conflict Resolution Program Elective: choose six credit hours from any focus |
| Conflict Resolution Program Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies | 3 | C | |

| | | | |
|---|---|---|---|
| | requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | | area, or three credit hours from any focus area plus three credit hours from COM 484, COM 493 or COM 499.<br>• Gather professional references. |
| | Term hours subtotal: | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:*<br>Upper Division Conflict Resolution Focus Area Course | 6 | C | • Conflict Resolution Focus Area: students select three of the four focus areas below and complete nine credits hours in each, for 27 total credit hours.<br>• Conflict Resolution Program Elective: choose six credit hours from any focus area, or three credit hours from any focus area plus three credit hours from COM 484, COM 493 or COM 499.<br>• Apply for full-time career opportunities. |
| Conflict Resolution Program Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Upper Division Conflict Resolution Focus Area: students select three of the four focus areas below and complete nine credits hours in each, for 27 total credit hours. Substitutions are allowed with faculty approval, including COM 394 or 494 Special Topics courses.

Hide Course List(s)/Track Group(s)

| Relational/Interpersonal Conflict | Work and Organizational Conflict | Global/Intercultural Conflict |
|---|---|---|
| COM 310: Relational Communication (SB) | COM 414: Crisis Communication | COM 316: Gender and Communication (SB & C) |
| COM 319: Persuasion and Social Influence (SB) | COM 415: Risk Communication | COM 342: Oral History and Storytelling |
| COM 342: Oral History and Storytelling | COM 423: Facilitating Collaboration and Dialogue | COM 371: Language, Culture, and Communication (SB & C & G) |
| COM 411: Communication in the Family (SB) | COM 430: Leadership in Group Communication | COM 416: Gender and Race in the Media |
| COM 417: Communication and Aging | COM 451: Communication and Work Relationships | COM 463: Intercultural Communication in a Global Context (SB & G) |
| COM 423: Facilitating Collaboration and Dialogue | | POS 480: Global Justice (G) or SBS 480: Global Justice (G) |
| COM 432: Forgiveness and Reconciliation | | SOC 445: Globalization, Development, and Resistance (SB & G) |

| Conflict in Political and Social Systems | Conflict Resolution Program Elective |
|---|---|
| AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) | COM 484: Internship |
| COM 319: Persuasion and Social Influence (SB) | COM 493: Honors Thesis (L) |
| COM 421: Rhetoric of Social Issues (HU) | COM 499: Individualized Instruction |

COM 422: Advanced Argumentation (L)

ENG 456: Studies in Forensic Linguistics or PAX 456: Studies in Forensic Linguistics or SBS 456: Studies in Forensic Linguistics

HST 355: Total War and the Crisis of Modernity (SB & G & H)

HST 454: History of Genocide (G & H)

POS 470: Law and the Political Order (SB)

SOC 352: Social Change (SB & G & H)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Disability Studies, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASDISASBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DST 101: Introduction to Disability Studies | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 (3 credits) is required for all transfer students in place of NEW 101.<br>• Select your career interest communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | • Develop your skills. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| Global Awareness (G) | 3 | | • Explore an internship, an IGLE international experience or ASU Study Abroad. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Develop your professional online presence. |
| *Complete 2 courses:*<br>Upper Division Disability Studies Electives | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DST 322: Social and Cultural Implications of the Many Forms of Disability OR DST 458: Disability and Communication Advocacy | 3 | C | • Use Handshake to research employment opportunities. |
| *Complete 2 courses:*<br>Upper Division Disability Studies Electives | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Disability Studies Electives | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HRC 480: Capstone: Practices and Approaches (L) OR IAS 484: Internship | 3 | C | |
| ★ *Complete 2 courses:* Upper Division Disability Studies Electives | 6 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

Upper Division Disability Studies Electives

- AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)
- AMS 469: Abject Bodies and the Politics of Trash (SB & C) or ETH 469: Abject Bodies and the Politics of Trash (SB & C) or WST 469: Abject Bodies and the Politics of Trash (SB & C)
- ASB 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB)
- BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)
- COM 421: Rhetoric of Social Issues (HU)
- DST 322: Social and Cultural Implications of the Many Forms of Disability or DST 458: Disability and Communication Advocacy
- ENG 469: Science and Literature
- HRC 494: Veterans and Critical Disability Studies
- IAP 464: Media and Diversity (HU & G)
- IAP 494: Accessibility in Digital Arts and Design
- IAP 494: Disability and Aesthetics
- JUS 301: Research in Justice Studies (SB)
- JUS 437: The Social Construction of Disability and Justice
- JUS 494: Policy, Advocacy and Disability
- SOC 352: Social Change (SB & G & H)

SOC 400: Perspectives on Aging (SB)

SOC 426: Social Inequality (SB)

WST 444: Gender, Health, and Bodies (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## English, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASENGBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 (3 credits) is required for all transfer students in place of NEW 101.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| ENG Elective | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>ENG Elective | 6 | C | • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>English Distribution Course | 6 | C | • Distribution Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper-division. No course can count for more than two distribution clusters.<br>• IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>English Distribution Course | 6 | C | • Distribution Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper-division. No course can count for more than two distribution clusters.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division English Distribution Course | 6 | C | • Distribution Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper-division. No course can count for more than two distribution clusters.<br>• Gather professional references. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR IAS 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division English Distribution Course | 6 | C | • Distribution Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper-division. No course can count for more than two distribution clusters.<br>• Apply for full-time career opportunities. |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper-division. No course can count for more than two distribution clusters.

Hide Course List(s)/Track Group(s)

| Writing, Power, Change | Climate, Energy, Infrastructure | Borders, Boundaries, Citizenship |
|---|---|---|
| ENG 205: Introduction to Writing, Rhetorics and Literacies (L) | ENG 245: Popular Culture Issues | ENG 221: Survey of English Literature (HU) |
| ENG 213: Introduction to the Study of Language | ENG 324: Horror: Film and Short Stories | ENG 222: Survey of English Literature (HU & H) |
| ENG 217: Writing Reflective Essays (L) | ENG 342: 20th-Century British and Irish Literature (HU) | ENG 241: Literatures of the United States to 1860 ((L or HU) & C) |
| ENG 241: Literatures of the United States to 1860 ((L or HU) & C) | ENG 367: Environmental Issues in Literature and Film (L or HU) | ENG 242: Literatures of the United States, 1860 to Present (HU) |
| ENG 288: Beginning Creative Writing Workshop in Fiction | ENG 369: Science Fiction Studies | ENG 328: The Novel to Jane Austen (HU & H) |
| ENG 311: Persuasive Writing (L) | ENG 378: Environmental Creative Nonfiction (L or HU) | ENG 333: American Ethnic Literature |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) | ENG 415: Studies in Medieval Literature and Culture (HU) | ENG 334: The American Southwest in Literature and Film ((L or HU) & C) |
| ENG 323: Rhetoric and Grammar (L) | ENG 416: Chaucer in Middle English (HU) | ENG 342: 20th-Century British and Irish Literature (HU) |
| ENG 339: Creating Dramatic Works: Page to Stage to Screen | ENG 498: Reading Englands Literary Landscapes (L) | ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| ENG 352: Short Story (L or HU) | | ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | | ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) | | ENG 379: Travel Writing (L) |
| ENG 361: Scriptwriting | | ENG 386: American Gothic |
| ENG 379: Travel Writing (L) | | ENG 394: Oral History & Storytelling in Humanities & Arts |
| ENG 394: Print and the Protest | | ENG 420: Multicultural Autobiographies ((L or HU) & C) |
| ENG 410: Writing for Publication | | |
| ENG 416: Chaucer in Middle English (HU) | | |

ENG 425: Studies in Romanticism (HU)

ENG 437: The American Novel, 1900 - 1960 (L or HU)

ENG 440: Studies in American Literature and Culture

ENG 472: Rhetorical Studies (L)

ENG 494: Canyon Voices

Bodies, Intersections, Transitions

ENG 203: Introduction to Health Humanities

ENG 324: Horror: Film and Short Stories

ENG 323: Rhetoric and Grammar (L)

ENG 333: American Ethnic Literature

ENG 369: Science Fiction Studies

ENG 421: Studies in Shakespeare (L or HU)

ENG 431: Whitman and Dickinson (L or HU)

ENG 443: Gender, Culture and Literacy

ENG 454: Gender and Literature (L or HU)

ENG 461: Studies in Women and Literature

ENG 472: Rhetorical Studies (L)

ENG 476: Studies in Folklore

ENG 478: Studies in Modernism

ENG 494: Disrupting Dis/Ability Discourses

ENG 494: Weird Fiction: Films and Short Stories

ENG 432: The American Renaissance (HU)

ENG 457: Studies in American Poetry (HU)

ENG 462: Africana Literature (HU & G)

ENG 498: Reading Englands Literary Landscapes (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total College Residency Hrs:** 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## English (Secondary Education), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASENGSEBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H.<br>• By the end of Term 6, a minimum 2.50 cumulative GPA is required in order to progress into the Professional Pathways Education Program.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) ( SPE 222 recommended) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) ( CIS 105 OR EDT 180 OR EDT 321 recommended) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) ( GCU 113 recommended) | 3 | | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| *Complete 2 courses:*<br>ENG Elective | 6 | C | |
| Global Awareness (G) | 3 | | |

| | | |
|---|---|---|
| Elective ( TEL 212 OR TEL 203 recommended) | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 44 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literature & Culture, Pre-1860 | 3 | C | • Explore an internship, an IGLE international experience, or ASU study abroad. |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| *Complete 2 courses:*<br>ENG Elective | 6 | C | |
| Humanities, Arts and Design (HU) ( TEL 208 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 59 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Identities, Communities, & Social Practices | 3 | C | • Apply for an identify verified print (IVP) fingerprint clearance card. Your IVP fingerprint card will be needed for internship/student teaching residency requirements in Term 7 and 8.<br>• An ENG upper-division special topics course will satisfy the Identities, Communities, and Social Practices requirement if the course topic focuses explicitly upon issues of identities, communities, and social practice. Please see your academic advisor before enrollment.<br>• IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>ENG Upper Division Elective | 6 | C | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 74 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literature and Culture, Post-1860 | 3 | C | • Meet with a Mary Lou Fulton Teachers College advisor early in the semester to discuss education program requirements and submit a copy of your IVP fingerprint card. Once this is completed, you will be asked to attend a professional pathways program orientation. These steps must be completed before enrolling in Term 7 courses.<br>• An ENG upper-division special topics course will satisfy the Transnational, Linguistic, & Textual Circulation requirement if the course topic focuses explicitly upon issues of transnationalism & textual circulation. Please see your academic advisor before enrollment. |
| Theories and Practices of Writing | 3 | C | |
| Transnational, Linguistic, & Textual Circulation | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | | |
|---|---|---|
| ★ Milestone: Must attend Professional Pathways Orientation prior to enrollment in Term 7 courses. | | |
| ★ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

| Term 7 89 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C | |
| ★ ENG 482: Methods of Teaching English: Language (L) | 3 | C | |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | C | |
| ★ TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching.
- During your clinical experience internship, you will work alongside a lead teacher in a 6-12th grade classroom.
- Reliable transportation is required to get to school sites in Terms 7 and 8.
- Gather professional references.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | |
| ★ SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester.
- Students seeking teacher certification must pass required educator exams. Speak to your education advisor to plan appropriately.
- Apply for full-time career opportunities.

- Students must complete two of the courses in the tracks at the 400-level.

Hide Course List(s)/Track Group(s)

| Identities, Communities, & Social Practices | Literature & Culture, Pre-1860 | Literature & Culture, Post-1860 |
|---|---|---|
| ENG 312: English in its Social Setting (L or HU or SB) | ENG 221: Survey of English Literature (HU) | ENG 222: Survey of English Literature (HU & H) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | ENG 241: Literatures of the United States to 1860 ((L or HU) & C) | ENG 242: Literatures of the United States, 1860 to Present (HU) |
| ENG 400: History of Literary Criticism (L or HU) | ENG 315: Medieval Literature in Translation | ENG 334: The American Southwest in Literature and Film ((L or HU) & C) |
| ENG 401: Topics in Critical Theory | ENG 321: Shakespeare (L or HU) | ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ENG 420: Multicultural Autobiographies ((L or HU) & C) | ENG 328: The Novel to Jane Austen (HU & H) | ENG 369: Science Fiction Studies |
| ENG 440: Studies in American Literature and Culture | ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | ENG 386: American Gothic |
| | ENG 415: Studies in Medieval Literature and Culture (HU) | ENG 431: Whitman and Dickinson (L or HU) |

ENG 454: Gender and Literature (L or HU)

ENG 456: Studies in Forensic Linguistics

ENG 460: Ethnic Women Writers

ENG 461: Studies in Women and Literature

ENG 462: Africana Literature (HU & G)

ENG 463: African American Literature

ENG 472: Rhetorical Studies (L)

ENG 479: Studies in Postmodernism (HU & G)

ENG 416: Chaucer in Middle English (HU)

ENG 421: Studies in Shakespeare (L or HU)

ENG 423: Renaissance Drama (L or HU)

ENG 425: Studies in Romanticism (HU)

ENG 432: The American Renaissance (HU)

ENG 440: Studies in American Literature and Culture

ENG 437: The American Novel, 1900 - 1960 (L or HU)

ENG 438: American Novel Since 1960 (L or HU)

ENG 440: Studies in American Literature and Culture

ENG 450: The British Novel (HU)

ENG 471: Literature for Young Adults (HU)

ENG 478: Studies in Modernism

ENG 479: Studies in Postmodernism (HU & G)

Theories and Practices of Writing

ENG 205: Introduction to Writing, Rhetorics and Literacies (L)

ENG 311: Persuasive Writing (L)

ENG 323: Rhetoric and Grammar (L)

ENG 335: American Poetry

ENG 361: Scriptwriting

ENG 379: Travel Writing (L)

ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice

ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice

ENG 410: Writing for Publication

ENG 457: Studies in American Poetry (HU)

ENG 490: Literary Forms: Theory and Practice in Poetry

Transnational, Linguistic, & Textual Circulation

ENG 213: Introduction to the Study of Language

ENG 317: Cross-Cultural Writing ((L or HU) & G)

ENG 333: American Ethnic Literature

ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

ENG 379: Travel Writing (L)

ENG 413: History of English Language (HU)

ENG 462: Africana Literature (HU & G)

ENG 498: Reading Englands Literary Landscapes (L)

NEW 300: International Cities

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Environmental Science, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU@Lake Havasu
ASENVBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 is required in place of NEW 101-M for transfer students.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENV 201: Fundamentals of Environmental Science | 3 | C | • PHY 101 is required. Student may choose either GLG 108 or GLG 101+ENV 103.<br>• Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| PHY 101: Introduction to Physics (SQ) OR GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND ENV 103: Field and Lab Geology for Environmental Science | 4 | C | |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Social Science Elective | 3 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 101: Introduction to Physics (SQ) OR GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND ENV 103: Field and Lab Geology for Environmental Science | 4 | C | • PHY 101 is required. Student may choose either GLG 108 or GLG 101+ENV 103.<br>• Explore an internship, an IGLE international experience or ASU Study Abroad. |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| GPH 210: Society and Environment (G) | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Social Science Elective | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 302: Environmental Chemistry | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Thinking about graduate school? Consider registering for a graduate test prep course.<br>• Develop your professional online presence . |
| BIO 353: Cell Biology OR LSC 347: Fundamentals of Genetics | 3 | C | |
| Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Social Science Elective | 3 | C | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory | 4 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| SOC 331: Environmental Sociology (SB & G) | 3 | C | |
| Upper Division Science Elective AND Upper Division Literacy and Critical Inquiry (L) ( ENV 388 OR PLB 388 recommended) | 3 | C | |
| Upper Division Science Elective | 3-4 | C | |
| Cultural Diversity in the U.S. (C) AND Historical Awareness (H) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16-17 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENV 345: Spatial Analysis in the Environmental Sciences | 3 | C | • Completion of the Upper Division Cultural Diversity in the U.S. (C) or Upper Division Global Awareness (G) AND SOC 331 in Term 6 satisfies the New College Proficiency - Language and Cultures requirement.<br>• Gather professional references. |
| *Complete 2 courses:*<br>Upper Division Science Elective | 6-8 | C | |
| Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Global Awareness (G) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15-17 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENV 485: Environmental Impact Assessment | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Upper Division Social Science Elective | 3 | C | |
| Upper Division Elective | 2 | | |

| | | |
|---|---|---|
| Elective OR ENV 484: Internship | 3 | |
| Term hours subtotal: | 14 | |

Hide Course List(s)/Track Group(s)

| Upper Division Science Electives |
|---|
| BIO 360: Animal Physiology |
| BIO 370: Vertebrate Zoology |
| BIO 385: Comparative Invertebrate Zoology |
| BIO 410: Techniques in Conservation Biology and Ecology (L) |
| BIO 412: Conservation in Practice |
| BIO 422: Ecosystem Ecology |
| BIO 426: Limnology (L) |
| BIO 474: Herpetology |
| BIO 499: Individualized Instruction or ENV 499: Individualized Instruction or LSC 499: Individualized Instruction or PLB 499: Individualized Instruction |
| ENV 300: Plant Diversity and Evolution (L or SG) or PLB 300: Plant Diversity and Evolution (L or SG) |
| ENV 302: Plants and Civilization (L) or PLB 302: Plants and Civilization (L) |
| ENV 388: STEM Research Fundamentals (L) or PLB 388: STEM Research Fundamentals (L) |
| ENV 394: Animal Behavior in a Changing Environment or LSC 394: Animal Behavior in a Changing Environment |
| ENV 394: Special Topics or PLB 394: Special Topics |
| ENV 410: Soil Science |
| ENV 484: Internship or LSC 484: Internship |
| ENV 494: Special Topics or PLB 494: Special Topics |
| ENV 492: Honors Directed Study |
| ERM 502: Regulatory Framework for Toxic and Hazardous Substances |
| ERM 520: Sustainability and Sustainable Development |
| ERM 522: Air Pollution and Toxic Chemicals |

| Social Science Electives |
|---|
| ABS 381: Natural Resources Policy |
| ABS 479: Ecosystem Management and Planning (L) |
| ASB 272: Environmental Justice (SB) |
| ASB 326: Human Impacts on Ancient Environments (SB & H) |
| ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G) |
| COM 312: Communication, Conflict, and Negotiation |
| COM 430: Leadership in Group Communication |
| ECN 211: Macroeconomic Principles (SB) |
| ERM 428: International Environmental Management (G) |
| HST 345: Environmental History (L) |
| OGL 200: Introduction to Organizational Leadership (SB) |
| OGL 240: Introduction to Project Management |
| OGL 300: Theory and Practice of Leadership |
| OGL 355: Leading Organizational Innovation and Change |
| POS 110: American Government and Politics (SB) |
| POS 331: Public Opinion (SB) |
| POS 426: Elements of Public Policy (SB) |
| PUP 301: Introduction to Urban Planning (L) |
| SOC 333: Population (SB & G) |
| SOS 230: Professional Skills in Sustainability |
| SOS 311: Future Thinking and Strategies |
| SOS 385: Business and Sustainability I |

| Upper Division Ethics Electives |
|---|
| IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) |
| IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) |
| IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) |
| IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) |
| PHI 306: Applied Ethics (HU) |
| PHI 360: Business and Professional Ethics (HU) |

ERM 523: Soils and Groundwater Contamination

ERM 527: Environmental/Resources Regulations Concepts

ERM 535: Water Law and Policy

ERM 598: Environmental Health

LSC 434: Marine Ecology

PLB 308: Plant Physiology

PLB 310: The Flora of Arizona

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Environmental Science, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU@Lake Havasu
ASENVBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific First-Year Seminar is required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for transfer students in place of NEW 101-M.<br>• MAT 210, MAT 251 or MAT 270 is recommended for students intending to pursue graduate degrees.<br>• MAT 270 is necessary for students intending on taking the Data/Modeling track focus courses.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) OR MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15-16 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Either STP 226 or STP 280 is acceptable to meet the requirement. STP 280 is necessary for students intending to take the Data/Modeling track focus courses.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) OR STP 280: Probability and Statistics for Researchers (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 101: Introduction to Physics (SQ) OR GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND ENV 103: Field and Lab Geology for Environmental Science | 4 | C | • PHY 101 is required. Student may choose either GLG 108, or GLG 101 & ENV 103.<br>• One semester of organic chemistry lecture & lab is required, either CHM 231 & 235 or CHM 233 & 237. CHM 233 & 237 should be taken by students intending to take |

| | | | |
|---|---|---|---|
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| ENV 201: Fundamentals of Environmental Science | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

electives from the Chemistry/Toxicology track focus area, as they are prerequisites required for many courses in that focus area.

- Develop your research skills.
- Develop your professional skills.
- Build your professional connections -- join the ASU Mentor Network.

| Term 4 43 - 58 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 101: Introduction to Physics (SQ) OR GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND ENV 103: Field and Lab Geology for Environmental Science | 4 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Track Focus Elective Course | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 15 | | |

- PHY 101 is required. Student may choose either GLG 108, or GLG 101 & ENV 103.
- The program electives are grouped by track focus areas. Students can take electives from any of the track focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.
- Students must complete a total of at least 11 hours of track focus elective courses and at least three hours of upper-division track focus elective courses.
- Explore an internship, an IGLE international experience, or ASU Study Abroad.

| Term 5 58 - 73 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 302: Environmental Chemistry | 3 | C | |
| BIO 353: Cell Biology OR LSC 347: Fundamentals of Genetics | 3 | C | |
| Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

- IAS 300 (3 credit hours) is required for all transfer students.
- Thinking about graduate school? Consider registering for a grad school test prep course.
- Develop your professional online presence.

| Term 6 73 - 87 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory | 4 | C | |
| ENV 345: Spatial Analysis in the Environmental Sciences | 3 | C | |

- The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area,

| | | |
|---|---|---|
| PLB 300: Plant Diversity and Evolution (L or SG) OR PLB 302: Plants and Civilization (L) OR PLB 388: STEM Research Fundamentals (L) | 3-4 | C |
| Track Focus Elective Course | 4-3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 14 | |

and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.

- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

| Term 7 87 - 104 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade |
|---|---|---|
| ★ ENV 410: Soil Science | 4 | C |
| ★ Upper Division Environmental Science Capstone | 3 | Y |
| Upper Division Field-Intensive Course | 4 | C |
| Track Focus Elective Course | 3 | C |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Term hours subtotal: | 17 | |

- The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.
- Gather professional references.

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade |
|---|---|---|
| ★ BIO 422: Ecosystem Ecology | 3 | C |
| ★ ENV 485: Environmental Impact Assessment | 3 | C |
| BIO 370: Vertebrate Zoology OR BIO 385: Comparative Invertebrate Zoology | 4 | C |
| Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C |
| Track Focus Elective Course | 3-4 | C |
| Term hours subtotal: | 16-17 | |

- The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.
- Apply for full-time career opportunities.

- Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.

Hide Course List(s)/Track Group(s)

| Field-Intensive Course | Business/Leadership Track | Chemistry/Toxicology Track |
|---|---|---|
| BIO 474: Herpetology | COM 415: Risk Communication | BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory |
| PLB 310: The Flora of Arizona | COM 430: Leadership in Group Communication | BIO 353: Cell Biology |
| | ERM 502: Regulatory Framework for Toxic and Hazardous Substances | BIO 443: Applied Molecular Genetics and Genomics |

ERM 527: Environmental/Resources Regulations Concepts

ERM 535: Water Law and Policy

OGL 200: Introduction to Organizational Leadership (SB)

OGL 240: Introduction to Project Management

OGL 300: Theory and Practice of Leadership

OGL 355: Leading Organizational Innovation and Change

SOS 230: Professional Skills in Sustainability

SOS 311: Future Thinking and Strategies

SOS 385: Business and Sustainability I

CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II

CHM 303: Environmental Chemistry Laboratory (L)

ERM 522: Air Pollution and Toxic Chemicals

ERM 523: Soils and Groundwater Contamination

ERM 598: Environmental Health

LSC 347: Fundamentals of Genetics

LSC 425: Analytical Chemistry for Life Sciences

LSC 426: Analytical Chemistry for Life Sciences Lab

LSC 475: Principles of Toxicology

Data/Modeling Track

MAT 271: Calculus with Analytic Geometry II (MA)

MAT 275: Modern Differential Equations (MA)

MAT 343: Applied Linear Algebra

MAT 450: Mathematical Models in Biology or MAT 451: Mathematical Modeling (CS)

STP 281: Statistical Analysis for Researchers

STP 310: Design and Analysis of Experiments

STP 311: Regression and Time Series Analyses

STP 315: Statistical Computing

STP 450: Nonparametric Statistics

STP 460: Categorical Data Analysis

STP 499: Individualized Instruction

Ecosystem/Global Change Track

BIO 323: Ecosystem Restoration and Management

BIO 412: Conservation in Practice

BIO 415: Statistical Models for Biology (CS)

BIO 421: Landscape Ecology

BIO 426: Limnology (L)

ENV 388: STEM Research Fundamentals (L) or LSC 388: STEM Research Fundamentals (L) or PLB 388: STEM Research Fundamentals (L)

ERM 520: Sustainability and Sustainable Development

LSC 362: The Human Environment

LSC 434: Marine Ecology

MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory

SOS 110: Sustainable World (SB)

Organismal/Conservation Biology Track

BIO 360: Animal Physiology

BIO 370: Vertebrate Zoology

BIO 385: Comparative Invertebrate Zoology

BIO 410: Techniques in Conservation Biology and Ecology (L)

BIO 474: Herpetology

ENV 300: Plant Diversity and Evolution (L or SG) or PLB 300: Plant Diversity and Evolution (L or SG)

ENV 302: Plants and Civilization (L) or PLB 302: Plants and Civilization (L)

ENV 394: Animal Behavior in a Changing Environment or LSC 394: Animal Behavior in a Changing Environment

ENV 394: Special Topics or ENV 494: Special Topics

PLB 308: Plant Physiology

PLB 310: The Flora of Arizona

PLB 394: Special Topics or PLB 494: Special Topics

Upper Division Capstone Experience

BIO 495: Undergraduate Research

BIO 499: Individualized Instruction

ENV 484: Internship

ENV 492: Honors Directed Study

Upper Division Ethics Electives

IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)

IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)

| | |
|---|---|
| ENV 493: Honors Thesis | IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) |
| ENV 499: Individualized Instruction | IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) |
| LSC 484: Internship | PHI 306: Applied Ethics (HU) |
| LSC 492: Honors Directed Study | PHI 360: Business and Professional Ethics (HU) |
| LSC 493: Honors Thesis (L) | |
| LSC 499: Individualized Instruction | |
| PLB 499: Individualized Instruction | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Applied Computing, Mathematics and Technology

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASACMTEXPL

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 101: Introduction to Computer Science (CS) | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• Completion of both ACO 101 and ACO 102 with a C or better fulfills the New College Language and Cultures requirement.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 102: Object-Oriented Programming (CS) | 3 | C | • Completion of both ACO 101 and ACO 102 (with a C or better) fulfills the New College Proficiency - Language and Cultures requirement.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience.<br>• Build your professional connections -- join the ASU Mentor Network. |
| MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACO 201: Data Structures and Algorithms (CS) OR ACO 240: Introduction to Programming Languages OR STP 280: Probability and Statistics for Researchers (CS) | 3 | C | • Develop your research skills.<br>• Develop your professional skills. |
| Natural Science - Quantitative (SQ) | 4 | | |

| | |
|---|---|
| Historical Awareness (H) | 3 |
| Literacy and Critical Inquiry (L) | 3 |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 |
| Complete First-Year Composition requirement. | |
| Complete Mathematics (MA) requirement. | |
| Milestone: Selection of a major. | |
| Term hours subtotal: | 16 |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global (G), Historical (H), and Cultural (C) awareness requirements with their Social-Behavioral Sciences (SB) or Humanities, Arts and Design (HU) courses.

**Total Hours:** 47
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Health and Life Sciences

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASHSCIEXPL

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| STP 226: Elements of Statistics (CS) OR STP 280: Probability and Statistics for Researchers (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Milestone: Selection of a major. | | |
| | Term hours subtotal: | 16 |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 46
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Humanities, Fine Arts and Design

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASHUFAEXPL

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| PHI 101: Introduction to Philosophy (HU) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU) | 3 | C | |
| Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |

| | |
|---|---|
| Complete Mathematics (MA) requirement. | |
| Complete First-Year Composition requirement. | |
| Milestone: Selection of a major. | |
| Term hours subtotal: | 16 |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Social and Behavioral Sciences

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSBSEXPL

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

| | | |
|---|---|---|
| Milestone: Selection of a major. | | |
| | Term hours subtotal: | 16 |

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Forensic Science, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASFOREBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) ( FOR 210 recommended) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | |
| FOR 286: Principles of Forensic Science | 4 | C | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 44 - 58 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | • Forensic science internships are very competitive and the application process takes time. Fall semester internships typically require application in the spring semester prior, and spring or summer semester internships require application by the start of the preceding fall semester. |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 5 58 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | 4 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Students in the Forensic Science program must participate in a culminating experience, choosing three credit hours from either FOR 388, FOR 484, FOR 492, FOR 493 or FOR 499. Each of these courses require prior faculty approval and mentorship. FOR 499 must consist of an approved, faculty-mentored research project if it is to be used as the culminating, senior-level experience. See an academic advisor for questions.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 6 72 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FOR 370: Fundamentals of Forensic Analysis | 4 | C | • Students in the Forensic Science program must participate in a culminating experience, choosing three credit hours from either FOR 388, FOR 484, FOR 492, FOR 493 or FOR 499. Each of these courses require prior faculty approval and mentorship. FOR 499 must consist of an approved, faculty-mentored research project if it is to be used as the culminating, senior-level experience. See an academic advisor for questions.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Forensic Science Culminating Experience | 3 | C | |
| BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory | 4 | C | |
| FOR 413: Sacred Crimes: Religion and Violence (G & H) OR FOR 449: Latin American Cinema: The Dead and the Disappeared (G & H) OR FOR 454: History of Genocide (G & H) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 7 89 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FOR 410: Testimony and Ethics in the Forensic Sciences (L) OR Upper Division Forensic Science Elective | 3 | C | • The Upper Division Forensic Science Distribution Course requirement consists of four credit hours of upper-division biology and six credit hours of upper-division chemistry.<br>• Gather professional references. |
| FOR 425: Analytical Chemistry for Life Sciences AND FOR 426: Analytical Chemistry for Life Sciences Lab | 5 | C | |
| Upper Division Forensic Science Biology Distribution Course(s) | 4 | C | |
| Upper Division Forensic Science Chemistry Distribution Elective OR Upper Division Forensic Science Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FOR 410: Testimony and Ethics in the Forensic Sciences (L) OR Upper Division Forensic Science Elective | 3 | C | • The Upper Division Forensic Science Distribution Course requirement consists of four credit hours of upper-division biology and six credit hours of upper-division chemistry.<br>• Apply for full-time career opportunities. |
| ★ Upper Division Forensic Science Chemistry Distribution Elective | 3 | C | |
| ★ Upper Division Forensic Science Chemistry Distribution Elective OR Upper Division Forensic Science Elective | 3 | C | |
| ★ Upper Division Forensic Science Elective | 4 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 16 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Forensic Science Biology Distribution Courses |
|---|
| FOR 380: Analysis of Nonhuman Forensic DNA Evidence |
| FOR 394: Forensic Botany |
| FOR 394: Introduction to Forensic Anthropology |
| FOR 402: Forensic Biology |
| FOR 405: Techniques in Forensic Biology Laboratory |
| FOR 447: Molecular Genetics Laboratory |
| FOR 480: Advanced Topics in Human Forensic DNA Typing |
| FOR 494: Fundamentals of Forensic Entomology |
| FOR 494: Human Osteology and Forensic Techniques |

| Upper Division Forensic Science Chemistry Distribution Electives |
|---|
| FOR 401: Forensic Toxicology |
| FOR 404: Forensic Toxicology Laboratory |
| FOR 475: Principles of Toxicology |
| FOR 494: Advanced Forensic Chemistry |
| FOR 494: Advanced Forensic Chemistry Lab |

| Upper Division Forensic Science Electives |
|---|
| FOR 380: Analysis of Nonhuman Forensic DNA Evidence |
| FOR 394: Forensic Botany |
| FOR 394: Introduction to Forensic Anthropology |
| FOR 400: Comparative Forensics |
| FOR 401: Forensic Toxicology |
| FOR 402: Forensic Biology |
| FOR 403: Comparative Forensics Laboratory |
| FOR 404: Forensic Toxicology Laboratory |
| FOR 405: Techniques in Forensic Biology Laboratory |
| FOR 447: Molecular Genetics Laboratory |
| FOR 475: Principles of Toxicology |
| FOR 480: Advanced Topics in Human Forensic DNA Typing |
| FOR 486: Peer Mentoring in the Forensic Sciences |
| FOR 494: Advanced Forensic Chemistry |
| FOR 494: Advanced Forensic Chemistry Lab |
| FOR 494: Fundamentals of Forensic Entomology |

| | |
|---|---|
| | FOR 494: Human Osteology and Forensic Techniques |
| Upper Division Forensic Science Culminating Experience | |
| FOR 388: STEM Research Fundamentals (L) | |
| FOR 484: Internship | |
| FOR 492: Honors Directed Study | |
| FOR 493: Honors Thesis (L) | |
| FOR 499: Individualized Instruction | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## History, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASHISBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 is required for all transfer students in place of NEW 101-H.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H) | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST Elective | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>History Related Area Course | 6 | C | • Explore an internship, IGLE international experience or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>HST Upper Division Elective | 6 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Non-US Non-European History Course | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| History Related Area Course | 3 | C | |
| HST Upper Division Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Non-US Non-European History Course | 3 | C | • Students must successfully complete six credit hours of upper-division History coursework prior to enrolling in HST 495.<br>• Gather professional references. |
| *Complete 2 courses:*<br>Upper Division History Related Area Course | 6 | C | |
| HST Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HST 495: Methods of Historical Inquiry (L) | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR IAS 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- Students must complete two courses from one of the three Two Semester History Surveys: U.S. History, Global History or European History/Western Civilization.
- Students must complete 12 credit hours of upper-division history in courses offered by the New College of Interdisciplinary Arts and Sciences.
- Students must successfully complete six credit hours of upper-division History coursework prior to enrolling in HST 495.

Hide Course List(s)/Track Group(s)

| Two Semester History Survey: U.S. History | Two Semester History Survey: Global History | Two Semester History Survey: European History/Western Civilization |
|---|---|---|
| HST 109: United States to 1865 ((HU or SB) & H) | HST 100: Global History to 1500 (HU & H & G) | HST 102: Europe and the Mediterranean: Ancient and Medieval (SB & H) |
| HST 110: United States Since 1865 (SB & H) | HST 101: Global History Since 1500 (HU & H & G) | HST 103: Early Modern Europe: Renaissance to Enlightenment ((HU or SB) & H) |
| | | HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H) |

| Non-US/Non-European History Courses | History Related Area Courses |
|---|---|
| HST 375: Colonial Latin America (SB & H) | AMS Elective |
| HST 376: Modern Latin America (SB & G & H) | ENG Elective |
| HST 404: Conquest and Encounters in Colonial Latin America (L & G) | ETH Elective |
| HST 430: The Ottoman Empire in the Classical Period | HRC Elective |
| HST 441: Latin America and the World Economy (L & G & H) | HST Elective |
| HST 454: History of Genocide (G & H) | JHR Elective |
| | LAS Elective |
| | PAX Elective |
| | PHI Elective |
| | REL Elective |
| | SPA Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## History (Secondary Education), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASHISSEBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H) | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• Transfer students will take IAS 300 in place of NEW 101-H.<br>• By the end of Term 6, a minimum 2.50 cumulative GPA is required in order to progress into the Professional Pathways Education Program.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) ( TEL 111 recommended) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H) | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) ( CIS 105 OR EDT 180 OR EDT 321 recommended) | 3 | | |
| Humanities, Arts and Design (HU) ( TEL 208 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST Elective | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| History Related Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Cultural Diversity in the U.S. (C) ( TEL 212 recommended) | 3 | | |

| | | |
|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 48 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| History Related Area Course | 3 | C | • Explore an internship, IGLE international experience or ASU Study Abroad. |
| HST Elective | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Social-Behavioral Sciences (SB) ( SPE 222 recommended) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Non-U.S. Non-European History Course | 3 | C | • Successful completion of six credit hours of upper-division History coursework must be completed prior to taking HST 495.<br>• Apply for an identity verified print (IVP) fingerprint clearance card. Your IVP fingerprint card will be needed for internship/student teaching residency requirements in Terms 7 and 8.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| *Complete 2 courses:*<br>HST Upper Division Elective | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 495: Methods of Historical Inquiry (L) | 3 | C | • Meet with a Mary Lou Fulton Teachers College advisor early in the semester to discuss education program requirements and submit a copy of your IVP fingerprint card. Once this is completed, you will be asked to attend a professional pathways program orientation. These steps must be completed before enrolling in Term 7 courses.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Non-U.S. Non-European History Course | 3 | C | |
| HST Upper Division Elective | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Milestone: Must attend Professional Pathways Orientation prior to enrollment in Term 7 courses. | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 12

| Term 7 89 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C | • All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching.<br>• During your clinical experience internship, you will work alongside a lead teacher in a 6-12th grade classroom.<br>• Reliable transportation is required to get to school sites in Terms 7-8.<br>• Gather professional references. |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| ★ SED 494: Methods of Teaching History: Community Resources | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | C | |
| ★ TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester.<br>• Students seeking teacher certification must pass required educator exams. Speak to your education advisor to plan appropriately.<br>• Apply for full-time employment opportunities. |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- 
  - Students must select two courses from one of the three lower division history survey tracks: U.S.History, Global History, or European History/Western Civilization.
  - Students must complete 12 credit hours of upper-division history courses offered by the New College of Interdisciplinary Arts and Sciences.

Hide Course List(s)/Track Group(s)

| Two Semester History Survey: U.S. History | Two Semester History Survey: Global History | Two Semester History Survey: European History/Western Civilization |
|---|---|---|
| HST 109: United States to 1865 ((HU or SB) & H) | HST 100: Global History to 1500 (HU & H & G) | HST 102: Europe and the Mediterranean: Ancient and Medieval (SB & H) |
| HST 110: United States Since 1865 (SB & H) | HST 101: Global History Since 1500 (HU & H & G) | HST 103: Early Modern Europe: Renaissance to Enlightenment ((HU or SB) & H) |
| | | HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H) |

| Non-US/Non-European History Courses | History Related Area Courses |
|---|---|
| HST 375: Colonial Latin America (SB & H) | AMS Elective |
| HST 376: Modern Latin America (SB & G & H) | ENG Elective |
| HST 404: Conquest and Encounters in Colonial Latin America (L & G) | ETH Elective |
| | HRC Elective |
| | HST Elective |

| | |
|---|---|
| HST 430: The Ottoman Empire in the Classical Period | JHR Elective |
| HST 441: Latin America and the World Economy (L & G & H) | LAS Elective |
| HST 454: History of Genocide (G & H) | PAX Elective |
| | PHI Elective |
| | REL Elective |
| | SPA Elective |

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Interdisciplinary Arts and Performance, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASIAPBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP 103: Foundations I: Interdisciplinary Art Practice | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-H.<br>• Select your Career Interest Community and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU) | 3 | C | • Develop your research skills. Discuss with a faculty member.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU) | 3 | C | • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP 361: Digital Editing and Media Literacy (CS) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| *Complete 2 courses:*<br>IAP Upper Division Elective | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP 325: Sound Performance: Exploring Alternative Performance Groups | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| IAP 354: Visual Representation | 3 | C | |
| IAP Upper Division Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP 375: Contemporary Performance: Theories and Practice | 3 | C | • Gather professional references. |
| *Complete 2 courses:*<br>IAP Upper Division Elective | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |

| | | |
|---|---|---|
| Elective | 3 | |
| Term hours subtotal: | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ IAP 480: Art as Praxis: From Conceptualization to Production | 3 | C | • Apply for full-time career opportunities. |
| *Complete 2 courses:* IAP 4** Elective | 6 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Interdisciplinary Arts and Performance, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: Online, ASU Local@Los Angeles
ASIAPBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP 103: Foundations I: Interdisciplinary Art Practice | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 fulfills this requirement.<br>• IAS 300 (3 credits) is required for all transfer students in place of NEW 101.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • View ASU Online first-year student registration information here. |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 26 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Create a first draft resume. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | • Build your professional skills. |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 33 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU) | 3 | C | • Build your professional connections -- join the ASU Mentor Network. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 39 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | • Develop your skills. |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | • Explore an internship, IGLE international experience or ASU Study Abroad. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP 325: Sound Performance: Exploring Alternative Performance Groups | 3 | C | • Create your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP 361: Digital Editing and Media Literacy (CS) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAP Upper Division Elective | 3 | C | • Thinking about graduate school? Consider registering for a graduate school test prep course. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies | 3 | C | |

| | | | |
|---|---|---|---|
| requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| **Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ IAP 354: Visual Representation | 3 | C | • Create your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ IAP Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ *Complete 2 courses:* IAP Upper Division Elective | 6 | C | • Use Handshake to research employment opportunities. |
| Term hours subtotal: | 6 | | |

| **Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ IAP 375: Contemporary Performance: Theories and Practice | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ IAP Upper Division Elective | 3 | C | • Complete an in person or virtual practice interview. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ IAP 4** Elective | 3 | C | • Gather professional references. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ IAP 480: Art as Praxis: From Conceptualization to Production | 3 | C | • Apply for full-time career opportunities. |
| Elective | 3 | | |

| | | |
|---|---|---|
| Term hours subtotal: | 6 | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ IAP 4** Elective | 3 | C | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

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**Total Hours:** 120
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**Major GPA:** 2.00 minimum
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**Total Community College Hrs:** 64 maximum
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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Interdisciplinary Arts and Sciences, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASIASBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 (3 credit hours) is required of transfer students in place of NEW 101-H.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • For the Area of Concentration courses starting in Term 3, work with an advisor to select a minor available at ASU or construct an individualized area of concentration with a coherent theme or purpose.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Area of Concentration Course | 3 | C | • Area of Concentration courses are chosen in consultation with an academic advisor.<br>• Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Area of Concentration Course | 3 | C | • Area of Concentration courses are chosen in consultation with an academic advisor.<br>• Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | C | • Area of Concentration courses are chosen in consultation with an academic advisor.<br>• Complete one course from the Diverse Perspectives track.<br>• Transfer students must take IAS 300 in place of NEW 101-H.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence . |
| Upper Division Diverse Perspectives Track | 3 | C | |
| Area of Concentration Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Area of Concentration Course | 3 | C | • Area of Concentration courses are chosen in consultation with an academic advisor.<br>• Complete one course from the Critical Inquiry track.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Critical Inquiry Track | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Area of Concentration Course | 6 | C | • Area of Concentration courses are chosen in consultation with an academic advisor.<br>• Complete one course from the Experimentation and the Creative Process track.<br>• Gather professional references. |
| Upper Division Experimentation and the Creative Process Track | 3 | C | |
| Upper Division Related Area Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| Upper Division Capstone | 3 | C |
| Upper Division Culture, Society and Power Track | 3 | C |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 12 | |

- Complete one course from the Culture, Society and Power track.
- Apply for full-time career opportunities.

- 
  - Working with an advisor, choose an Area of Concentration by selecting a minor offered by ASU or construct an individualized concentration with a coherent theme or purpose for 18 credit hours (minimum nine upper-division credit hours).
  - Courses used to fulfill major requirements cannot also be used to fulfill Area of Concentration requirements.
  - Choose and complete one course from each of four program tracks for a total of 12 credit hours: Diverse Perspectives; Critical Inquiry; Experimentation and the Creative Process; Culture, Society and Power.

Hide Course List(s)/Track Group(s)

| Diverse Perspectives Track | Critical Inquiry Track | Experimentation and the Creative Process Track |
|---|---|---|
| AMS 380: Race, Gender, and Class (SB & C) or ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C) | AMS 330: American Lives (HU & C) | AMS 420: Theatre in America (HU) or IAP 420: Theatre in America (HU) or THE 420: Theatre in America (HU) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) or ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) | AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) or ETH 428: Peoples and Cultures of the American West, to 1848 (SB & H) or LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H) | COM 339: Creating Dramatic Works: Page to Stage to Screen or ENG 339: Creating Dramatic Works: Page to Stage to Screen or IAP 339: Creating Dramatic Works: Page to Stage to Screen |
| ENG 364: Women and Literature (HU) | ENG 401: Topics in Critical Theory | ENG 311: Persuasive Writing (L) |
| ENG 461: Studies in Women and Literature | HRC 310: Social and Cultural Studies: Method and Theory (C) | ENG 317: Cross-Cultural Writing ((L or HU) & G) |
| ENG 462: Africana Literature (HU & G) | HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) | ENG 394: Oral History & Storytelling in Humanities & Arts |
| ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C) | HST 419: 20th Century Chicano/a History (C) or LAS 419: 20th Century Chicano/a History (C) | ENG 410: Writing for Publication |
| HST 375: Colonial Latin America (SB & H) or LAS 375: Colonial Latin America (SB & H) | IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) | ENG 457: Studies in American Poetry (HU) |
| HST 376: Modern Latin America (SB & G & H) or LAS 376: Modern Latin America (SB & G & H) | IAS 410: Evolution of Ideas (L or HU) | ENG 476: Folklore in Everyday Life |
| IAP 462: Games and Play | IAS 430: Science and Religion (L or HU) | ENG 494: Canyon Voices |
| | PHI 304: Existentialism (HU) | IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) |
| | PHI 306: Applied Ethics (HU) | IAP 362: Games and Narratology |
| | PHI 318: Philosophy of Religion (HU) | IAP 394: 3D Modeling and Media Literacy |

| | | |
|---|---|---|
| LAS 340: Latin American Women Writers or WST 341: Latin American Women Writers | PHI 411: Continental Philosophy (HU) | IAP 394: Acting for the Camera |
| LAS 351: Cityscapes: Urban Mexican Literature and Culture | PHI 412: Philosophy and Literary Criticism (HU) | IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) |
| LAS 355: Contemporary Mexican Cinema: Changing Cartographies | WST 333: Critical Perspectives on Sexuality (SB & C) | LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU) |
| REL 310: Western Religious Traditions (HU & H) | WST 376: Feminist Theory (H & C) | PHI 339: Philosophy of Art (HU) |
| REL 321: Religion in America ((L or HU) & C & H) | | |
| REL 345: Asian Religious Traditions (HU & G) | | |
| REL 390: Women, Gender and Religion (HU & G) or WST 390: Women, Gender and Religion (HU & G) | | |
| WST 444: Gender, Health, and Bodies (SB) | | |

| Culture, Society and Power Track | Related Area Elective | Capstone |
|---|---|---|
| AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) | AMS Upper Division Elective | HON 493: Honors Thesis (L) or IAS 493: Honors Thesis (L) |
| AMS 450: Latina/os, Schooling and Social Inequality (C) or ETH 450: Latina/os, Schooling and Social Inequality (C) or LAS 450: Latina/os, Schooling and Social Inequality (C) | DST Upper Division Elective | HRC 480: Capstone: Practices and Approaches (L) |
| AMS 469: Abject Bodies and the Politics of Trash (SB & C) or ETH 469: Abject Bodies and the Politics of Trash (SB & C) or WST 469: Abject Bodies and the Politics of Trash (SB & C) | ENG Upper Division Elective | IAS 480: Capstone: Practices and Approaches |
| ENG 472: Rhetorical Studies (L) | ETH Upper Division Elective | IAS 484: IAS Internship |
| ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G) | HRC Upper Division Elective | |
| ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements | HST Upper Division Elective | |
| HST 350: Later Middle Ages ((HU or SB) & H) | IAP Upper Division Elective | |
| HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) | IAS Upper Division Elective | |
| HST 439: Athenian Democracy (H) | JHR Upper Division Elective | |
| HST 454: History of Genocide (G & H) | LAS Upper Division Elective | |
| | PAX Upper Division Elective | |
| | PHI Upper Division Elective | |
| | REL Upper Division Elective | |
| | SPA Upper Division Elective | |
| | WST Upper Division Elective | |

HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H)

IAP 394: Print and the Protest

IAP 464: Media and Diversity (HU & G)

IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)

IAS 417: Philosophy of Censorship (L or HU) or PHI 417: Philosophy of Censorship (L or HU)

LAS 350: The Construction of a Nation: Chile in the 20th/21st Century

LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H)

LAS 471: Treaties and Cultural Production in Spain and the Americas

LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

PHI 360: Business and Professional Ethics (HU)

PHI 439: Philosophy of Love and Sex

WST 457: Women, Cultures, and Societies (SB & G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Latin American Studies, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASLASBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPA 101: Elementary Spanish I OR POR 101: Elementary Portuguese I (G) | 4 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPA 102: Elementary Spanish II OR POR 102: Elementary Portuguese II (G) | 4 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAS 205: Deep Roots: Latin America (HU & G) OR LAS 206: Locating Latin America:Interdisciplinary Methods | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| SPA 201: Intermediate Spanish (G) OR POR 201: Intermediate Portuguese I (G) | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAS 205: Deep Roots: Latin America (HU & G) OR LAS 206: Locating Latin America:Interdisciplinary Methods | 3 | C | • Explore an internship, IGLE international experience, or ASU Study Abroad. |
| SPA 202: Intermediate Spanish (G) OR POR 202: Intermediate Portuguese II (G) | 4 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Latin American Studies Elective | 3 | C | • The course taken to fulfill the Upper Division Social and Cultural Representation requirement cannot also be used to fulfill the Upper Division Latin American Studies Elective requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Social and Cultural Representation Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Latin American Studies Elective | 6 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Latin American Studies Elective | 6 | C | • Gather professional references. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAS 484: Internship OR LAS 493: Honors Thesis OR LAS 499: Individualized Instruction | 3 | C | • Apply for full-time employment opportunities. |
| Upper Division Latin American Studies Elective | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

| Upper Division Latin American Studies Electives |
| --- |
| ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G) |
| LAS 330: From the Inside: The Latin American Journey (HU) |
| LAS 340: Latin American Women Writers or WST 341: Latin American Women Writers |
| LAS 350: The Construction of a Nation: Chile in the 20th/21st Century |
| LAS 351: Cityscapes: Urban Mexican Literature and Culture |
| LAS 355: Contemporary Mexican Cinema: Changing Cartographies |
| LAS 375: Colonial Latin America (SB & H) or HST 375: Colonial Latin America (SB & H) |
| LAS 376: Modern Latin America (SB & G & H) or HST 376: Modern Latin America (SB & G & H) |
| LAS 394: Special Topics or POR 394: Special Topics or SPA 394: Special Topics |
| LAS 419: 20th Century Chicano/a History (C) or HST 419: 20th Century Chicano/a History (C) |
| LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H) |
| LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU) |
| LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) |
| LAS 494: Special Topics or POR 494: Special Topics or SPA 494: Special Topics |
| SPA 313: Spanish Conversation and Composition (G) or SPA 315: Advanced |

| Upper Division Social and Cultural Representation Elective |
| --- |
| JUS 475: Law, Societies and Justice in Latino-America (SB & G) or SPA 470: Law, Societies and Justice in Latino-America (SB & G) |
| LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H) |
| LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU) |
| LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) |

Spanish I for Bilinguals (C) or POR 313: Portuguese Conversation and Culture (G)

SPA 314: Spanish Conversation and Composition (G) or SPA 316: Advanced Spanish II for Bilinguals (L & C) or POR 314: Portuguese Composition and Culture (G)

SPA 317: Spanish for the Professions (G)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 456: 20th-Century Spanish American Fiction

SPA 459: Latin American Jewish Culture

SPA 470: Law, Societies and Justice in Latino-America (SB & G) or JUS 475: Law, Societies and Justice in Latino-America (SB & G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Pharmacology and Toxicology, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASPTXBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • MAT 210 or higher-level MA accepted. MAT 251 recommended. Students considering graduate school or research may consider the MAT 270 and MAT 271 calculus sequence as an alternative. This may require more than 120 credit hours to complete the degree.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | | |
|---|---|---|---|
| Complete CHM 113, CHM 116 course(s). | | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| PTX 301: Basics of Pharmacology and Toxicology | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory | 4 | C | • A total of four credit hours of PTX 499 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement.<br>• A total of three credit hours of PTX 484 or PTX 493 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Pharmacology and Toxicology Elective | 3-5 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 13-15 | | |

| Term 7 89 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | 4 | C | • A total of four credit hours of PTX 499 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement.<br>• A total of three credit hours of PTX 484 or PTX 493 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement.<br>• Gather professional references. |
| PTX 432: Fundamentals of Pharmacology | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language | 3 | C | |

| | | |
|---|---|---|
| or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | | |
| Upper Division Pharmacology and Toxicology Elective | 4 | C |
| Elective | 1 | |
| Term hours subtotal: | 15 | |

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PTX 450: Pharmacology and Toxicology Laboratory | 1 | C | • General elective credit hours will be adjusted depending on the Pharmacology/Toxicology electives selected. Discuss with your advisor.<br>• Apply for full-time career opportunities. |
| PTX 475: Principles of Toxicology | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) ( ASB 353 OR SOC 353 recommended) | 3 | | |
| Upper Division Elective | 4-2 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16-14 | | |

Hide Course List(s)/Track Group(s)

Upper Division Pharamacology and Toxicology Elective

- BIO 439: Computing for Research
- CHM 302: Environmental Chemistry
- CHM 435: Medicinal Chemistry
- FOR 401: Forensic Toxicology
- LSC 425: Analytical Chemistry for Life Sciences AND LSC 426: Analytical Chemistry for Life Sciences Lab
- LSC 430: Environmental and Human Toxicology
- MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory
- PSY 470: Psychopharmacology
- PTX 388: STEM Research Fundamentals (L)
- PTX 484: Internship or PTX 493: Honors Thesis
- PTX 494: Mechanisms of Pathophysiology and Disease States

PTX 499: Individualized Instruction

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Philosophy, Religion and Society, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASRELBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 101: Introduction to Philosophy (HU) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H.<br>• Select Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| REL 100: Religions of the World (HU & G) | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • A Related Area Course is any course offered by the School of Humanities, Arts and Cultural Studies and is from one of the following subject codes: AMS, DST, ENG, ETH, HRC, HST, IAP, IAS, JHR, LAS, PAX, PHI, REL, SPA, or WST.<br>• Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 306: Applied Ethics (HU) OR IAS 406: Moral Dilemmas (L or HU) OR PHI 406: Moral Dilemmas (L or HU) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Applied Ethics Track Course | 3 | C | |
| Upper Division Religious Studies Track Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 304: Existentialism (HU) OR PHI 411: Continental Philosophy (HU) OR PHI 412: Philosophy and Literary Criticism (HU) | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Religious Studies Track Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 303: The Future of Religions (L or HU) OR REL 300: The Future of Religions (L or HU) OR PHI 318: Philosophy of Religion (HU) | 3 | C | • Gather professional references. |
| Upper Division Applied Ethics Track Course | 3 | C | |
| Upper Division Continental Philosophy Track Course | 3 | C | |

| | | |
|---|---|---|
| *Complete 2 courses:*<br>Elective | 6 | |
| Term hours subtotal: | 15 | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by** ★ | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Culminating Experience | 3 | C | • A Related Area Course is any course offered by the School of Humanities, Arts and Cultural Studies and is from one of the following subject codes: AMS, DST, ENG, ETH, HRC, HST, IAP, IAS, JHR, LAS, PAX, PHI, REL, SPA, or WST.<br>• Apply for full-time career opportunities. |
| Upper Division Continental Philosophy Track Course | 3 | C | |
| Related Area Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Applied Ethics Track |
|---|
| IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) |
| IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) |
| IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) |
| IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) |
| PHI 306: Applied Ethics (HU) |
| PHI 336: Social and Political Philosophy (HU) |
| PHI 360: Business and Professional Ethics (HU) |
| PHI 408: Feminist Ethics (HU) |
| PHI 415: Philosophy and Film (HU) |
| PHI 417: Philosophy of Censorship (L or HU) |
| PHI 421: Philosophical Topics |
| PHI 439: Philosophy of Love and Sex |

| Continental Philosophy Track |
|---|
| ENG 401: Topics in Critical Theory |
| HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy |
| PHI 304: Existentialism (HU) |
| PHI 311: Philosophy and Literature (HU) |
| PHI 339: Philosophy of Art (HU) |
| PHI 411: Continental Philosophy (HU) |
| PHI 412: Philosophy and Literary Criticism (HU) |
| PHI 421: Philosophical Topics |
| PHI 494: Issues in Death & Dying or REL 494: Issues in Death & Dying |
| REL 391: Historical Perspectives on Philosophy and Religion |

| Religious Studies Track |
|---|
| IAS 410: Evolution of Ideas (L or HU) |
| IAS 430: Science and Religion (L or HU) |
| PHI 303: The Future of Religions (L or HU) or REL 300: The Future of Religions (L or HU) |
| PHI 318: Philosophy of Religion (HU) |
| PHI 421: Philosophical Topics |
| REL 310: Western Religious Traditions (HU & H) |
| REL 321: Religion in America ((L or HU) & C & H) |
| REL 345: Asian Religious Traditions (HU & G) |
| REL 390: Women, Gender and Religion (HU & G) or WST 390: Women, Gender and Religion (HU & G) |

| Related Area Course |
|---|
| AMS Elective |
| DST Elective |
| ENG Elective |
| ETH Elective |
| HRC Elective |
| HST Elective |

| Culminating Experience |
|---|
| IAS 480: Capstone: Practices and Approaches |
| IAS 484: IAS Internship |
| HON 493: Honors Thesis (L) or IAS 493: Honors Thesis (L) or PHI 493: Honors Thesis (L) |

IAP Elective

IAS Elective

JHR Elective

LAS Elective

PAX Elective

PHI Elective

REL Elective

SPA Elective

WST Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Political Science, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU@Lake Havasu
ASPOLBA

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.<br>• Credit is only granted for POS 110 or POS 310.<br>• Credit is only granted for POS 160 or POS 360.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | • Credit is only granted for POS 110 or POS 310.<br>• Credit is only granted for POS 160 or POS 360.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | • Credit is only granted for POS 110 or POS 310.<br>• Credit is only granted for POS 160 or POS 360.<br>• Develop your research skills. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |

| | | | |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | • Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 45 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Social Justice and Inequality Interdisciplinary Track Course | 3 | C | • Explore an internship, IGLE international experience, or ASU Study Abroad. |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SBS 302: Qualitative Methods OR SBS 304: Social Statistics I (CS) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Law, Citizenship, Borders Interdisciplinary Track Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SBS 302: Qualitative Methods OR SBS 304: Social Statistics I (CS) | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Identity and Place Interdisciplinary Track Course | 3 | C | |
| Upper Division Social Justice and Inequality Interdisciplinary Track Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| | | **Minimum** | |
|---|---|---|---|

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Grade | Notes |
|---|---|---|---|
| Upper Division Identity and Place Interdisciplinary Track Course | 3 | C | • Gather professional references. |
| Law, Citizenship, Borders Interdisciplinary Track Course | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 484: Internship OR SBS 498: Pro-Seminar (L) | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- Choose six credit hours from each of three interdisciplinary tracks for a total of 18 credit hours. Twelve credit hours must be upper-division. No single course can be used to fulfill multiple track requirements.

Hide Course List(s)/Track Group(s)

| Social Justice and Inequality | Law, Citizenship, Borders | Identity and Place |
|---|---|---|
| ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB) | ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G) | ASB 211: Women in Other Cultures ((HU or SB) & G) |
| ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C) | ASB 447: Citizenship, Nationalism and Identity (SB & C & G) or POS 447: Citizenship, Nationalism and Identity (SB & C & G) or SBS 447: Citizenship, Nationalism and Identity (SB & C & G) | ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G) |
| HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H) | POS 110: American Government and Politics (SB) or POS 310: American National Government (SB) | ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements |
| JHR 100: Introduction to Social Justice and Human Rights (SB & G) | POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G) | ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C) |
| JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) | POS 210: Political Ideologies (SB) | HST 376: Modern Latin America (SB & G & H) or LAS 376: Modern Latin America (SB & G & H) |
| POS 342: Political Theory (HU or SB) | POS 361: American Foreign Policy (SB & G) | POS 150: Comparative Government (SB & G) |
| POS 446: Democracy (HU) | POS 446: Democracy (HU) | POS 247: Introduction to Latin American Politics (SB & G) |
| POS 480: Global Justice (G) or SBS 480: Global Justice (G) | POS 465: International Organization and Law (SB & G) | POS 350: Comparative Politics (SB & G) |
| POS 494: Everyday Forms of Political Resistance | POS 480: Global Justice (G) or SBS 480: Global Justice (G) | POS 357: South Asia Politics (SB & G) |
| SBS 301: Cultural Diversity ((L or SB) & C) | | POS 361: American Foreign Policy (SB & G) |

| | |
|---|---|
| SOC 270: Racial and Ethnic Relations (SB & C) | POS 437: Women, Power, and Politics (G) or SOC 437: Women, Power, and Politics (G) |
| SOC 331: Environmental Sociology (SB & G) | SOC 264: Gender and Society (SB & C) |
| SOC 352: Social Change (SB & G & H) | WST 428: Gender, Madness and Justice (SB) |
| SOC 426: Social Inequality (SB) | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Political Science, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASPOLBS

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.<br>• Credit is only granted for POS 110 or POS 310.<br>• Credit is only granted for POS 160 or POS 360.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | • Credit is only granted for POS 110 or POS 310.<br>• Credit is only granted for POS 160 or POS 360.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | • Credit is only granted for POS 110 or POS 310.<br>• Credit is only granted for POS 160 or POS 360.<br>• Develop your research skills. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |

| | | |
|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

- Develop your professional skills.
- Build your professional connections -- join the ASU Mentor Network.

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social Justice and Inequality Interdisciplinary Track Course | 3 | C | • Explore an internship, IGLE international experience, or ASU Study Abroad. |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Law, Citizenship, Borders Interdisciplinary Track Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS) | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Social Justice and Inequality Interdisciplinary Track Course | 3 | C | |
| Identity and Place Interdisciplinary Track Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Grade | Notes |
|---|---|---|---|
| Upper Division Identity and Place Interdisciplinary Track Course | 3 | C | • Gather professional references. |
| Law, Citizenship, Borders Interdisciplinary Track Course | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 484: Internship OR SBS 498: Pro-Seminar (L) | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- Choose six credit hours from each of three interdisciplinary tracks for a total of 18 credit hours. Twelve credit hours must be upper-division. No single course can be used to fulfill multiple track requirements.

Hide Course List(s)/Track Group(s)

| Social Justice and Inequality | Law, Citizenship, Borders | Identity and Place |
|---|---|---|
| ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB) | ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G) | ASB 211: Women in Other Cultures ((HU or SB) & G) |
| ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C) | ASB 447: Citizenship, Nationalism and Identity (SB & C & G) or POS 447: Citizenship, Nationalism and Identity (SB & C & G) or SBS 447: Citizenship, Nationalism and Identity (SB & C & G) | ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G) |
| HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H) | POS 110: American Government and Politics (SB) or POS 310: American National Government (SB) | ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements |
| JHR 100: Introduction to Social Justice and Human Rights (SB & G) | POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G) | ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C) |
| JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) | POS 210: Political Ideologies (SB) | HST 376: Modern Latin America (SB & G & H) or LAS 376: Modern Latin America (SB & G & H) |
| POS 342: Political Theory (HU or SB) | POS 361: American Foreign Policy (SB & G) | POS 150: Comparative Government (SB & G) |
| POS 446: Democracy (HU) | POS 446: Democracy (HU) | POS 247: Introduction to Latin American Politics (SB & G) |
| POS 480: Global Justice (G) or SBS 480: Global Justice (G) | POS 465: International Organization and Law (SB & G) | POS 350: Comparative Politics (SB & G) |
| POS 494: Everyday Forms of Political Resistance | POS 480: Global Justice (G) or SBS 480: Global Justice (G) | POS 357: South Asia Politics (SB & G) |
| SBS 301: Cultural Diversity ((L or SB) & C) | | POS 361: American Foreign Policy (SB & G) |

| | |
|---|---|
| SOC 270: Racial and Ethnic Relations (SB & C) | POS 437: Women, Power, and Politics (G) or SOC 437: Women, Power, and Politics (G) |
| SOC 331: Environmental Sociology (SB & G) | SOC 264: Gender and Society (SB & C) |
| SOC 352: Social Change (SB & G & H) | WST 428: Gender, Madness and Justice (SB) |
| SOC 426: Social Inequality (SB) | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU@Lake Havasu
ASPGSBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • Students may elect to take an MA course in place of elective in Term 1 if needed to prepare for MAT 119 or MAT 170 in Term 2.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Interdisciplinary Computer Science Course | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | • Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Coursework Electives | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 15 |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • PSY 290 may be used to fulfill the General Studies Natural Science (SG) requirement.<br>• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.<br>• Explore an internship, an IGLE international experience or ASU Study Abroad. |
| *Complete 2 courses:*<br>Related Coursework Electives | 6 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Cognitive Science Focus Area Course | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Psychology Electives must be taken from the course lists below.<br>• PSY 304 Effective Thinking (L) can be used to meet the Upper Division General Studies Literacy and Critical Inquiry (L) requirement as well as the Upper Division Psychology Electives requirement.<br>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Psychology Elective | 3 | C | |
| Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Cognitive Science Focus Area Course | 3 | C | • Upper Division Psychology Electives must be taken from the course lists below.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Psychology Elective | 3 | C | |
| Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Psychology Elective | 6 | C | • Upper Division Psychology Electives must be taken from the course lists below.<br>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in | | | |

| | | | |
|---|---|---|---|
| addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.<br>• Gather professional references. |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| **Term 8 108 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Upper Division Psychology Electives must be taken from the course lists below.<br>• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.<br>• Apply for full-time career opportunities. |
| Related Coursework Electives | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- Courses used to fulfill the Upper Division Psychology Elective requirement may not be used to fulfill multiple psychology major requirements. No more than three credit hours of PSY 384, 399, 484, 493, 499 may count toward the Upper Division Psychology Elective requirement.

Hide Course List(s)/Track Group(s)

| Upper Division Cognitive Science Focus Area |
|---|
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |
| PSY 325: Physiological Psychology |
| PSY 360: Cognitive Science |
| PSY 369: Biology of Human Sexuality |
| PSY 470: Psychopharmacology |

| Psychology Electives: Clinical / Health |
|---|
| PSY 315: Personality Theory and Research (SB) |
| PSY 366: Abnormal Psychology (SB) |
| PSY 443: Abnormal Child Psychology (L or SB) |
| PSY 444: Adolescent Psychology and Psychopathology |
| PSY 462: Health Psychology |
| PSY 465: Psychology of Stress and Coping |
| PSY 472: Clinical Psychology |

| Upper Division Social/Developmental Focus Area |
|---|
| PSY 315: Personality Theory and Research (SB) |
| PSY 341: Developmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |
| PSY 366: Abnormal Psychology (SB) |
| PSY 443: Abnormal Child Psychology (L or SB) |

| Psychology Electives: Experiential |
|---|
| PSY 344: Directed Child Study (SB) |
| PSY 384: Psychology Undergraduate Teaching Assistant |
| PSY 394: Special Topics |
| PSY 399: Supervised Research |
| PSY 484: Internship |
| PSY 493: Honors Thesis (L) or HON 493: Honors Thesis (L) |
| PSY 494: Special Topics |
| PSY 499: Individualized Instruction |

| Psychology Electives: Biological / Learning |
|---|
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |
| PSY 325: Physiological Psychology |
| PSY 369: Biology of Human Sexuality |
| PSY 425: Biological Bases of Behavior (L) |
| PSY 470: Psychopharmacology |

| Psychology Electives: Industrial/Organizational |
|---|
| PSY 430: Industrial Psychology |
| PSY 453: Organizational Behavior (SB) |
| PSY 468: Psychology and Law |
| PSY 482: Social Influence and Consumer Behavior (SB) |

PSY 475: Multicultural Issues in Clinical Psychology

| Psychology Electives: Life Span/Development |
| --- |
| PSY 341: Developmental Psychology (SB) |
| PSY 446: Social Development (L or SB) |
| PSY 447: Psychology of Aging (SB) |

| Psychology Electives: Methodology and Critical Thinking |
| --- |
| PSY 304: Effective Thinking (L) |
| PSY 330: Statistical Methods (CS) |

| Psychology Electives: Social Influence |
| --- |
| PSY 306: Environmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |
| PSY 370: Interpersonal Relationships (SB) |
| PSY 385: Psychology of Gender (SB) |

| Interdisciplinary Computer Science Requirement |
| --- |
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| CIS 105: Computer Applications and Information Technology (CS) |
| CSE 180: Computer Literacy (CS) |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| Related Coursework Electives |
| --- |
| ASB Elective |
| ASM Elective |
| COM Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SBS Elective |
| SOC Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: Online, ASU Local@Los Angeles
ASPGSBA

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 meets this requirement.<br>• SBS 300 (3 credits) is required for all transfer students in place of NEW 101.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Students may elect to take an MA course in Term 1-B if needed to prepare for MAT 119 or MAT 170 in Term 2-A.<br>• View ASU Online first-year student registration information here. |
| Interdisciplinary Computer Science Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Coursework Elective | 3 | C | • Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.<br>• Create a first draft resume. |
| Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | • Build your professional skills. |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) | 3 | C | • PSY 230 may not be used to fulfill the Interdisciplinary Computer Science requirement in the major. ACO 100, CIS 105, CSE 180 or EDT 180 are required.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • PSY 290 may be used to fulfill the General Studies Natural Science (SG) requirement.<br>• Explore an IGLE international experience or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective OR SBS 300: Careers in Psychology | 3 | | • SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Cognitive Science Focus Area Course | 3 | C | • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Choose Upper Division Psychology Electives from the course list below.<br>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Choose Upper Division Psychology Electives from the course list below.<br>• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.<br>• Thinking about graduate school? Consider registering for a graduate school test prep course. |
| Related Coursework Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Related Coursework Elective | 3 | C | • Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.<br>• Create your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Cognitive Science Focus Area Course | 3 | C | • Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.<br>• Use Handshake to research employment opportunities. |
| Related Coursework Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Complete an in person or virtual practice interview. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB) | 3 | C | • Gather professional references. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Choose Upper Division Psychology Electives from the course list below.<br>• Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Choose Upper Division Psychology Electives from the course list below. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Choose Upper Division Psychology Electives from the course list below. |
| Term hours subtotal: | 3 | | |

- Courses used to fulfill the Upper Division Psychology Elective requirement may not be used to fulfill multiple psychology major requirements.

Hide Course List(s)/Track Group(s)

| Upper Division Cognitive Science Focus Area |
|---|
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |

| Upper Divsion Social/Developmental Focus Area |
|---|
| PSY 315: Personality Theory and Research (SB) |
| PSY 341: Developmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |
| PSY 366: Abnormal Psychology (SB) |

| Upper Division Psychology Electives |
|---|
| PSY 304: Effective Thinking (L) |
| PSY 315: Personality Theory and Research (SB) |
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |
| PSY 341: Developmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |
| PSY 366: Abnormal Psychology (SB) |
| PSY 385: Psychology of Gender (SB) |
| PSY 453: Organizational Behavior (SB) |
| PSY 462: Health Psychology |
| PSY 468: Psychology and Law |

| Interdisciplinary Computer Science Requirement |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| CIS 105: Computer Applications and Information Technology (CS) |
| CSE 180: Computer Literacy (CS) |

| Related Coursework Electives |
|---|
| ASB Elective |
| ASM Elective |
| COM Elective |
| JHR Elective |
| POS Elective |

| | |
|---|---|
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | PSY Elective |
| | SBS Elective |
| | SOC Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU@Lake Havasu
ASPGSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • Students may elect to take an MA course in Term 1 to prepare for MAT 170 in Term 2.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Interdisciplinary Computer Science Course | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 170: Precalculus (MA) | 3 | C | • Additional subjects may be used to fulfill Related Coursework requirement with academic advisor approval.<br>• Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| Related Coursework Electives | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 15 | |

| Term 4 47 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.<br>• Explore an internship, an IGLE international experience or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 330: Statistical Methods (CS) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• PSY 304 Effective Thinking (L) can be used to meet the upper division General Studies Literacy and Critical Inquiry (L) requirement as well as an Upper Division Psychology Elective.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Cognitive Science Focus Area Course | 3 | C | |
| Upper Division Social/Development Focus Area Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Cognitive Science Focus Area Course | 3 | C | • Upper Division Psychology Electives must be taken from the course lists below.<br>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Psychology Elective | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 89 - 102 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Psychology Elective | 6 | C | • Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit |
| Life Science Lecture and Lab Course | 4 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that | | | |

| | | |
|---|---|---|
| have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Term hours subtotal: | 13 | |

hours). PSY 290 may be used to fulfill the SG requirement.
- Upper Division Psychology Electives must be taken from the course lists below.
- Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
- Gather professional references.

| **Term 8 102 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Upper Division Psychology Electives must be taken from the course lists below.<br>• Apply for full-time career opportunities. |
| Upper Division Elective OR PSY 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 18 | | |

- Courses used to fulfill the Psychology Elective requirement can only apply once in the major and may not be used to fulfill multiple psychology major requirements. No more than three credit hours of PSY 384, 399, 484, 493, or 499 may count toward the Upper Division Psychology Elective requirement.

Hide Course List(s)/Track Group(s)

| Upper Division Cognitive Science Focus Area |
|---|
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |
| PSY 325: Physiological Psychology |
| PSY 360: Cognitive Science |
| PSY 369: Biology of Human Sexuality |
| PSY 470: Psychopharmacology |

| Upper Division Social/Developmental Focus Area |
|---|
| PSY 315: Personality Theory and Research (SB) |
| PSY 341: Developmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |
| PSY 366: Abnormal Psychology (SB) |
| PSY 443: Abnormal Child Psychology (L or SB) |

| Psychology Electives: Biological / Learning |
|---|
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |
| PSY 325: Physiological Psychology |
| PSY 369: Biology of Human Sexuality |
| PSY 425: Biological Bases of Behavior (L) |
| PSY 470: Psychopharmacology |

| Psychology Electives: Clinical / Health |
|---|
| PSY 315: Personality Theory and Research (SB) |
| PSY 366: Abnormal Psychology (SB) |
| PSY 443: Abnormal Child Psychology (L or SB) |
| PSY 444: Adolescent Psychology and Psychopathology |
| PSY 462: Health Psychology |

| Psychology Electives: Experiential |
|---|
| PSY 344: Directed Child Study (SB) |
| PSY 384: Psychology Undergraduate Teaching Assistant |
| PSY 394: Special Topics |
| PSY 399: Supervised Research |
| PSY 484: Internship |

| Psychology Electives: Methodology and Critical Thinking |
|---|
| PSY 304: Effective Thinking (L) |

| | | |
|---|---|---|
| PSY 465: Psychology of Stress and Coping | PSY 493: Honors Thesis (L) or HON 493: Honors Thesis (L) | |
| PSY 472: Clinical Psychology | PSY 494: Special Topics | |
| PSY 475: Multicultural Issues in Clinical Psychology | PSY 499: Individualized Instruction | |
| **Psychology Electives: Industrial / Organizational** | **Psychology Electives: Life Span / Development** | **Psychology Electives: Social Influence** |
| PSY 430: Industrial Psychology | PSY 341: Developmental Psychology (SB) | PSY 306: Environmental Psychology (SB) |
| PSY 453: Organizational Behavior (SB) | PSY 446: Social Development (L or SB) | PSY 350: Social Psychology (SB) |
| PSY 468: Psychology and Law | PSY 447: Psychology of Aging (SB) | PSY 370: Interpersonal Relationships (SB) |
| PSY 482: Social Influence and Consumer Behavior (SB) | | PSY 385: Psychology of Gender (SB) |
| **Related Coursework Electives** | **Interdisciplinary Computer Science Requirement** | **Life Science Lecture and Lab Course** |
| ASB Elective | ACO 100: All About Data: Design, Query, and Visualization (CS) | BCH Elective |
| ASM Elective | CIS 105: Computer Applications and Information Technology (CS) | BIO Elective |
| COM Elective | CSE 180: Computer Literacy (CS) | FOR Elective |
| JHR Elective | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | LSC Elective |
| POS Elective | | MIC Elective |
| PSY Elective | | |
| SBS Elective | | |
| SOC Elective | | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: Online, ASU Local@Los Angeles
ASPGSBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • ASU 101 or college-specific First-Year Seminar is required of all first-year students. NEW 101 fulfills this requirement.<br>• SBS 300 (3 credits) is required for all transfer students in place of NEW 101.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Students may elect to take an MA course in Term 1-B to prepare for MAT 170 in Term 2-A.<br>• View ASU Online first-year student registration information here. |
| Interdisciplinary Computer Science Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 170: Precalculus (MA) | 3 | C | • Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement. |
| Life Science Lecture and Lab Course | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) | 3 | | • Create a first draft resume. |
| Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 - A 26 - 33 Credit Hours | Hours | Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.<br>• Develop your professional skills. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 33 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) | 3 | C | • Build your professional connections -- join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 39 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.<br>• Explore an IGLE international experience or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 46 - 52 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 52 - 59 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 330: Statistical Methods (CS) | 3 | C | |
| Upper Division Social/Developmental Focus Area Course | 3 | C | |
| Elective | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 59 - 65 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective OR SBS 300: Careers in Psychology | 3 | | • SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 65 - 71 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Cognitive Science Focus Area Course | 3 | C | |

| | | | |
|---|---|---|---|
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements. |
| Term hours subtotal: | 6 | | |

| **Term 6 - B 71 - 77 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements. |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| **Term 7 - A 77 - 84 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Upper Division Psychology Electives must be taken from the course lists below.<br>• Thinking about graduate school? Consider registering for a grad school test prep course . |
| Elective | 4 | | |
| Term hours subtotal: | 7 | | |

| **Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Social/Developmental Focus Area Course AND Upper Division Social-Behavioral Sciences (SB) | 3 | | • Create your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Cognitive Science Focus Area Course | 3 | C | • Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Upper Division Psychology Electives must be taken from the course lists below.<br>• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.<br>• Complete an in person or virtual practice interview. |
| ★ Related Coursework Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Upper Division Psychology Electives must be taken from the the course lists below.<br>• PSY 304 may be used to fulfill the upper division General Studies Literacy and Critical Inquiry (L) and the upper division Psychology Elective requirement in the major.<br>• Gather professional references. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Upper Division Psychology Electives must be taken from the course lists below.<br>• Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Psychology Elective | 3 | C | • Upper Division Psychology Elective must be taken from the course list below. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Courses used to fulfill Psychology Elective requirements may not be used to fulfill multiple psychology major requirements.

Hide Course List(s)/Track Group(s)

| Upper Division Cognitive Science Focus Area | Upper Division Social/Developmental Focus Area | Upper Division Psychology Electives |
|---|---|---|
| PSY 320: Learning and Motivation | PSY 315: Personality Theory and Research (SB) | PSY 304: Effective Thinking (L) |
| PSY 323: Sensation and Perception | PSY 341: Developmental Psychology (SB) | PSY 315: Personality Theory and Research (SB) |
| PSY 324: Memory and Cognition | PSY 350: Social Psychology (SB) | PSY 320: Learning and Motivation |
| | PSY 366: Abnormal Psychology (SB) | PSY 323: Sensation and Perception |
| | | PSY 324: Memory and Cognition |
| | | PSY 341: Developmental Psychology (SB) |
| | | PSY 350: Social Psychology (SB) |
| | | PSY 366: Abnormal Psychology (SB) |
| | | PSY 385: Psychology of Gender (SB) |
| | | PSY 453: Organizational Behavior (SB) |
| | | PSY 462: Health Psychology |
| | | PSY 468: Psychology and Law |
| Related Coursework Electives | | Life Science Lecture and Lab Course |

| | | |
|---|---|---|
| ASB Elective | Interdisciplinary Computer Science Requirement | BCH Elective |
| ASM Elective | ACO 100: All About Data: Design, Query, and Visualization (CS) | BIO Elective |
| COM Elective | CIS 105: Computer Applications and Information Technology (CS) | FOR Elective |
| JHR Elective | CSE 180: Computer Literacy (CS) | LSC Elective |
| PSY Elective | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | MIC Elective |
| SBS Elective | | |
| SOC Elective | | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology (Forensic Psychology), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASPGSFPBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • Students may elect to take an MA course in place of Elective in Term 1 if needed to prepare for MAT 119 or MAT 170 in Term 2.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Interdisciplinary Computer Science Course | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Coursework Elective | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 13 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) | 3 | C | • Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.<br>• Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Related Coursework Elective | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • Explore an internship, IGLE international experience, or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 309: Criminology (SB) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• PSY 304 Effective Thinking (L) can be used to meet the Upper Division General Studies Literacy and Critical Inquiry (L) requirement as well as the Upper Division Psychology Elective.<br>• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.<br>• Thinking about graduate school? Consider registering for a graduate test prep course.<br>• Develop your professional online presence. |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Upper Division Cognitive Science Focus Area Course | 3 | C | |
| Related Coursework Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 468: Psychology and Law | 3 | C | • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Social/Developmental Focus Area Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 368: Forensic Psychology | 3 | C | • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.<br>• Gather professional references. |
| Upper Division Cognitive Science Focus Area Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language | 3 | C | |

| | | | |
|---|---|---|---|
| or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | | | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| | Term hours subtotal: | 15 | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ CRJ 260: Substantive Criminal Law | 3 | C | • Apply for full-time career opportunities. |
| ★ PSY 474: Correctional Psychology | 3 | C | |
| Upper Division Related Coursework Elective | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| | Term hours subtotal: | 15 | |

Hide Course List(s)/Track Group(s)

| Upper Division Cognitive Science Focus Area Course | Upper Divison Social/Developmental Focus Area Course | Interdisciplinary Computer Science Requirement |
|---|---|---|
| PSY 320: Learning and Motivation | PSY 315: Personality Theory and Research (SB) | ACO 100: All About Data: Design, Query, and Visualization (CS) |
| PSY 323: Sensation and Perception | PSY 341: Developmental Psychology (SB) | CIS 105: Computer Applications and Information Technology (CS) |
| PSY 324: Memory and Cognition | PSY 350: Social Psychology (SB) | CSE 180: Computer Literacy (CS) |
| PSY 325: Physiological Psychology | | EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |
| PSY 360: Cognitive Science | | |
| PSY 369: Biology of Human Sexuality | | |
| PSY 470: Psychopharmacology | | |

| Related Coursework Electives | Upper Division Related Coursework Elective |
|---|---|
| ASB Elective | ASB Upper Division Elective |
| ASM Elective | ASM Upper Division Elective |
| COM Elective | COM Upper Division Elective |
| JHR Elective | JHR Upper Division Elective |
| POS Elective | POS Upper Division Elective |
| PSY Elective | PSY Upper Division Elective |
| SBS Elective | SBS Upper Division Elective |
| SOC Elective | SOC Upper Division Elective |

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology (Forensic Psychology), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: Online, ASU Local@Los Angeles
ASPGSFPBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 fulfills this requirement.<br>• SBS 300 (3 credits) is required for all transfer students in place of NEW 101.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Interdisciplinary Computer Science Course | 3 | C | • Students may elect to take an MA course in place of Elective in Term 1-B if needed to prepare for MAT 119 or MAT 170 in Term 2-A.<br>• View ASU Online first-year registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | • Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Coursework Elective | 3 | C | • Secure a part-time job or volunteer experience. |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) | 3 | C | • Develop your professional skills. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Build your professional connections -- join the ASU Mentor Network. |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • Explore an IGLE international experience or ASU Study Abroad. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 309: Criminology (SB) | 3 | C | • Develop your professional online presence. |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Cognitive Science Focus Area Course | 3 | C | • SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101.<br>• Thinking about graduate school? Consider registering for a grad school test prep course . |
| Upper Division Elective OR SBS 300: Careers in Psychology | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 468: Psychology and Law | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Social/Developmental Focus Area Course | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PSY 368: Forensic Psychology | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Cognitive Science Focus Area Course | 3 | C | • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Language and Cultures requirement may not also be used to fulfill the General Awareness Areas (C) and (G) requirements.<br>• Gather professional references. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PSY 474: Correctional Psychology | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 260: Substantive Criminal Law | 3 | C | • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Language and Cultures requirement may not also be used to fulfill the General Awareness Areas (C) and (G) requirements. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Literacy and Critical Inquiry (L) | 3 | | • PSY 304 Effective Thinking (L) can be used to meet the Upper Division General Studies Literacy and Critical Inquiry (L) requirement as well as the Upper Division Psychology Elective requirement.<br>• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval. |
| Upper Division Related Coursework Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Coursework Elective | 3 | C | • Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Related Coursework Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | • Apply for full-time career opportunities. |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Cognitive Science Focus Area Course |
|---|
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |

| Upper Division Social/Developmental Focus Area |
|---|
| PSY 315: Personality Theory and Research (SB) |
| PSY 341: Developmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |

| Interdisciplinary Computer Science Requirement |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| CIS 105: Computer Applications and Information Technology (CS) |
| CSE 180: Computer Literacy (CS) |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| Related Coursework Electives |
|---|
| ASB Elective |
| ASM Elective |
| COM Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SBS Elective |
| SOC Elective |

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- • Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology (Forensic Psychology), BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASPGSFPBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • Students may elect to take an MA course in Term 1 in place of an Elective in order to prepare for MAT 170 in Term 2.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Interdisciplinary Computer Science Course | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 170: Precalculus (MA) | 3 | C | • Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.<br>• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Coursework Elective | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 13 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • Explore an internship, an IGLE international experience or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 309: Criminology (SB) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• PSY 304 Effective Thinking (L) can be used to meet the Upper Division General Studies Literacy and Critical Inquiry requirement as well as an Upper Division Psychology Elective.<br>• Thinking about graduate school? Consider registering for a graduate test prep course.<br>• Develop your professional online presence. |
| PSY 330: Statistical Methods (CS) | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Upper Division Cognitive Science Focus Area Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 468: Psychology and Law | 3 | C | • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Social/Developmental Focus Area Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 368: Forensic Psychology | 3 | C | • Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement. |
| Upper Division Cognitive Science Focus Area Course | 3 | C | |
| Life Science Lecture and Lab Course | 4 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in | | | |

| | | | |
|---|---|---|---|
| addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.<br>• Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CRJ 260: Substantive Criminal Law | 3 | C | • Apply for full-time career opportunities. |
| ★ PSY 474: Correctional Psychology | 3 | C | |
| *Complete 3 courses:* Elective | 8 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Cognitive Science Focus Area Course |
|---|
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |
| PSY 325: Physiological Psychology |
| PSY 360: Cognitive Science |
| PSY 369: Biology of Human Sexuality |
| PSY 470: Psychopharmacology |

| Upper Division Social/Developmental Focus Area Course |
|---|
| PSY 315: Personality Theory and Research (SB) |
| PSY 341: Developmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |

| Interdisciplinary Computer Science Requirement |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| CIS 105: Computer Applications and Information Technology (CS) |
| CSE 180: Computer Literacy (CS) |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| Life Science Lecture and Lab Course |
|---|
| BCH Elective |
| BIO Elective |
| FOR Elective |
| LSC Elective |
| MIC Elective |

| Related Coursework Elective |
|---|
| ASB Elective |
| ASM Elective |
| COM Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SBS Elective |
| SOC Elective |

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology (Forensic Psychology), BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: Online, ASU Local@Los Angeles
ASPGSFPBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement.<br>• SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Interdisciplinary Computer Science Course | 3 | C | • Students may elect to take an MA course in place of Elective in Term 1-B if needed to prepare for MAT 170 in Term 2-A.<br>• View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 170: Precalculus (MA) | 3 | C | • Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Coursework Elective | 3 | C | • Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

- Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.
- Secure a part-time job or volunteer experience.

| Term 3 - A 26 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) | 3 | C | • Develop your professional skills. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • Explore an internship, an IGLE international experience or ASU Study Abroad. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 309: Criminology (SB) | 3 | C | • Develop your professional online presence. |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 330: Statistical Methods (CS) | 3 | C | • Thinking about graduate school? Consider registering for a grad school test prep course . |
| Upper Division Cognitive Science Focus Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 468: Psychology and Law | 3 | C | • SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101. |
| Upper Division Elective OR SBS 300: Careers in Psychology | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Social/Developmental Focus Area Course | 3 | C | |

| | | | |
|---|---|---|---|
| Upper Division Elective | 3 | | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 82 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PSY 368: Forensic Psychology | 3 | C | • Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement. |
| Life Science Lecture and Lab Course | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 7 - B 82 - 88 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Cognitive Science Focus Area Course | 3 | C | • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.<br>• Gather professional references. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PSY 474: Correctional Psychology | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 94 - 100 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 260: Substantive Criminal Law | 3 | C | • Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Literacy and Critical Inquiry (L) | 3 | C | • PSY 304 Effective Thinking (L) can be used to meet the Upper Division General Studies Literacy and Critical Inquiry (L) requirement as well as an Upper Division Psychology Elective. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 106 - 112 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 112 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Elective | 5 | | |
| Term hours subtotal: | 5 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Elective | 3 | | • Apply for full-time career opportunities. |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Cognitive Science Focus Area Course |
|---|
| PSY 320: Learning and Motivation |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |

| Upper Division Social/Developmental Focus Area Course |
|---|
| PSY 315: Personality Theory and Research (SB) |
| PSY 341: Developmental Psychology (SB) |
| PSY 350: Social Psychology (SB) |

| Interdisciplinary Computer Science Requirement |
|---|
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| CIS 105: Computer Applications and Information Technology (CS) |
| CSE 180: Computer Literacy (CS) |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) |

| Life Science Lecture and Lab Course |
|---|
| BCH Elective |
| BIO Elective |
| FOR Elective |
| LSC Elective |
| MIC Elective |

| Related Coursework Electives |
|---|
| ASB Elective |
| ASM Elective |
| COM Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SBS Elective |
| SOC Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Social Justice and Human Rights, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASJHRBA

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JHR 100: Introduction to Social Justice and Human Rights (SB & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S meets this requirement.<br>• IAS 300 is required by all transfer students in place of NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Law, Citizenship, Borders Interdisciplinary Track Course | 3 | C | • Select and complete nine credit hours from each of three interdisciplinary tracks below.<br>• Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Identity and Place Interdisciplinary Track Course | 3 | C | • Select and complete nine credit hours from each of three interdisciplinary tracks below.<br>• Explore an internship, IGLE international experience, or ASU Study Abroad. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS) | 3 | C | • Select and complete nine credit hours from each of three interdisciplinary tracks below.<br>• IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| Upper Division Identity and Place Interdisciplinary Track Course | 3 | C | |
| Social Justice and Inequality Interdisciplinary Track Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS) | 3 | C | |
| Upper Division Law, Citizenship, Borders Interdisciplinary Track Course | 3 | C | |
| Upper Division Social Justice and Inequality Interdisciplinary Track Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Law, Citizenship, Borders Interdisciplinary Track Course | 3 | C | • Gather professional references. |
| Upper Division Social Justice and Inequality Interdisciplinary Track Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JHR 484: Internship OR SBS 498: Pro-Seminar (L) | 3 | C | • Apply for full-time career opportunities. |
| ★ Upper Division Identity and Place Interdisciplinary Track Course | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- Complete nine credit hours from each of three interdisciplinary tracks below for a total of 27 credit hours. Eighteen credit hours must be upper-division. No single course can be used to fulfill multiple track requirements.

Hide Course List(s)/Track Group(s)

| Social Justice and Inequality | Law, Citizenship, Borders | Identity and Place |
|---|---|---|
| ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB) | ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G) | ASB 211: Women in Other Cultures ((HU or SB) & G) |
| ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C) | ASB 447: Citizenship, Nationalism and Identity (SB & C & G) or POS 447: Citizenship, Nationalism and Identity (SB & C & G) or SBS 447: Citizenship, Nationalism and Identity (SB & C & G) | ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G) |
| HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H) | POS 110: American Government and Politics (SB) or POS 310: American National Government (SB) | ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements |
| POS 342: Political Theory (HU or SB) | POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G) | ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C) |
| POS 446: Democracy (HU) | POS 210: Political Ideologies (SB) | HST 376: Modern Latin America (SB & G & H) or LAS 376: Modern Latin America (SB & G & H) |
| POS 480: Global Justice (G) or SBS 480: Global Justice (G) | POS 361: American Foreign Policy (SB & G) | POS 150: Comparative Government (SB & G) |
| POS 494: Everyday Forms of Political Resistance | POS 446: Democracy (HU) | POS 247: Introduction to Latin American Politics (SB & G) |
| SBS 301: Cultural Diversity ((L or SB) & C) | POS 465: International Organization and Law (SB & G) | POS 350: Comparative Politics (SB & G) |
| SOC 270: Racial and Ethnic Relations (SB & C) | POS 480: Global Justice (G) or SBS 480: Global Justice (G) | POS 357: South Asia Politics (SB & G) |
| SOC 331: Environmental Sociology (SB & G) | | POS 361: American Foreign Policy (SB & G) |
| SOC 352: Social Change (SB & G & H) | | POS 437: Women, Power, and Politics (G) or SOC 437: Women, Power, and Politics (G) |
| SOC 426: Social Inequality (SB) | | SOC 264: Gender and Society (SB & C) |
| | | WST 428: Gender, Madness and Justice (SB) |

**Notes:**

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**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
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**Total hrs at ASU:** 30 minimum
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**Total Community College Hrs:** 64 maximum
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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Social and Behavioral Sciences, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSBSBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Introductory Social and Behavioral Science Course AND Social-Behavioral Sciences (SB) | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credits) is required for all transfer students in place of NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 119: Finite Mathematics (MA) OR MAT 142: College Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Program Elective | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 200: Introduction to Social and Behavioral Sciences (SB) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Program Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods | 3 | C | • Explore an internship, IGLE international experience, or ASU Study Abroad. |
| Program Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 301: Cultural Diversity ((L or SB) & C) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Completion of SBS 301 in Term 5 and the Upper Division Language and Cultures course in Term 7 fulfills the New College Upper Division Language and Cultures requirement.<br>• Develop your professional online presence.<br>• Thinking about graduate school? Consider registering for a grad school test prep course. |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 484: Internship OR SBS 498: Pro-Seminar (L) | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Program Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Program Elective | 6 | C | • Completion of SBS 301 in Term 5 and Upper Division Language and Cultures course in Term 7 fulfills the New College Upper Division Language and Cultures requirement.<br>• Gather professional references. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| ★ | *Complete 3 courses:*<br>Upper Division Program Elective | 9 | C | • Apply for full-time career opportunities. |
| | *Complete 2 courses:*<br>Elective | 6 | | |
| | Term hours subtotal: | 15 | | |

- Program Electives: A minimum of 12 credit hours must be taken from courses offered by the New College of Interdisciplinary Arts and Sciences. Working with an advisor, select and complete courses from at least **three** prefixes offered by the School of Social and Behavioral Sciences: ASB, COM, FAS, JHR, POS, PSY or SOC. Up to six credit hours of Internship, Supervised Research and Individualized Instruction may be applied toward the major.

Hide Course List(s)/Track Group(s)

| Introductory Social and Behavioral Science Course |
|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) |
| COM 100: Introduction to Human Communication (SB) |
| JHR 100: Introduction to Social Justice and Human Rights (SB & G) |
| POS 110: American Government and Politics (SB) |
| PSY 101: Introduction to Psychology (SB) |
| SOC 101: Introductory Sociology (SB) |
| SOS 111: Sustainable Cities ((HU or SB) & G) |

| Program Electives |
|---|
| ASB Elective |
| COM Elective |
| FAS Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SOC Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Social and Behavioral Sciences, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSBSBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Introductory Social and Behavioral Science Course AND Social-Behavioral Sciences (SB) | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credits) is required for all transfer students in place of NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 119: Finite Mathematics (MA) OR MAT 142: College Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Program Elective | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 200: Introduction to Social and Behavioral Sciences (SB) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| SBS 304: Social Statistics I (CS) | 3 | C | |
| Program Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 303: Quantitative Methods | 3 | C | • Explore an internship, IGLE international experience, or ASU Study Abroad. |
| Program Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 301: Cultural Diversity ((L or SB) & C) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Develop your professional online presence.<br>• Thinking about graduate school? Consider registering for a grad school test prep course. |
| SBS 302: Qualitative Methods | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 484: Internship OR SBS 498: Pro-Seminar (L) | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Program Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Program Elective | 6 | C | • Gather professional references. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |

| | | | |
|---|---|---|---|
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Program Elective | 6 | C | • Apply for full-time career opportunities. |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- Program Electives: A minimum of 12 credit hours must be taken from courses offered by the New College of Interdisciplinary Arts and Sciences. Working with an advisor, select and complete courses from at least **three** prefixes offered by the School of Social and Behavioral Sciences: ASB, COM, FAS, JHR, POS, PSY or SOC. Up to six credit hours of Internship, Supervised Research and Individualized Instruction may be applied toward the major.

Hide Course List(s)/Track Group(s)

| Introductory Social and Behavioral Science Course |
|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) |
| COM 100: Introduction to Human Communication (SB) |
| JHR 100: Introduction to Social Justice and Human Rights (SB & G) |
| POS 110: American Government and Politics (SB) |
| PSY 101: Introduction to Psychology (SB) |
| SOC 101: Introductory Sociology (SB) |
| SOS 111: Sustainable Cities ((HU or SB) & G) |

| Program Electives |
|---|
| ASB Elective |
| COM Elective |
| FAS Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SOC Elective |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Social and Cultural Analysis (American Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCAASBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 is required for all transfer students in place of NEW 101-H.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, please speak with an academic advisor.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| American Studies Concentration Course | 3 | C | • Explore an internship, IGLE international experience, or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | • HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| *Complete 2 courses:*<br>Upper Division American Studies Concentration Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division American Studies Concentration Course | 6 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division American Studies Concentration Course | 3 | C | • Gather professional references. |
| Upper Division Elective OR IAS 484: Internship | 3 | | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| HRC 480: Capstone: Practices and Approaches (L) | 3 | C | • Apply for full-time career opportunities. |
| *Complete 2 courses:*<br>Upper Division American Studies Concentration Course | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- For the American Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

| American Studies Concentration Course |
|---|
| AMS 201: Introduction to American Studies (L & C) |
| AMS 276: U.S. Women's Movements (H & C) |
| AMS 326: Popular Culture |
| AMS 330: American Lives (HU & C) |
| AMS 334: Class in America (SB) |
| AMS 336: The American Southwest in Literature and Film ((L or HU) & C) |
| AMS 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| AMS 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| AMS 380: Race, Gender, and Class (SB & C) |
| AMS 412: Studies in American Politics & Law (H) |
| AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) |
| AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) |
| AMS 450: Latina/os, Schooling and Social Inequality (C) |
| AMS 469: Abject Bodies and the Politics of Trash (SB & C) |
| ENG 337: Major American Novels (L or HU) |
| HST 320: U.S. Urban History since 1850 (SB & H) |
| HST 413: Contemporary America ((L or SB) & H) |
| HST 419: 20th Century Chicano/a History (C) |

REL 321: Religion in America ((L or HU) & C & H)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCAERBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 is required for all transfer students in place of NEW 101-H.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, please speak with an academic advisor.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Ethnicity, Race and Indigenous Studies Concentration Course | 3 | C | • Explore an internship, IGLE international experience or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | • HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.<br>• IAS 300 (three credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| *Complete 2 courses:*<br>Upper Division Ethnicity, Race and Indigenous Studies Concentration Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Ethnicity, Race and Indigenous Studies Concentration Course | 6 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Ethnicity, Race and Indigenous Studies Concentration Course | 3 | C | • Gather professional references. |
| Upper Division Elective OR IAS 484: Internship | 3 | | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HRC 480: Capstone: Practices and Approaches (L) | 3 | C | • Apply for full-time career opportunities. |
| *Complete 2 courses:*<br>Upper Division Ethnicity, Race and Indigenous Studies Concentration Course | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- For the Ethnicity, Race and Indigenous Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

| Ethnicity, Race, and Indigneous Studies Concentration |
|---|
| ENG 317: Cross-Cultural Writing ((L or HU) & G) |
| ENG 420: Multicultural Autobiographies ((L or HU) & C) |
| ENG 462: Africana Literature (HU & G) |
| ENG 463: African American Literature |
| ETH 100: Ethnic and Indigenous Lives (SB & C) |
| ETH 334: The American Southwest in Literature and Film ((L or HU) & C) |
| ETH 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| ETH 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ETH 380: Race, Gender, and Class (SB & C) |
| ETH 428: Peoples and Cultures of the American West, to 1848 (SB & H) |
| ETH 430: Gender on the Borderlands (SB & G) |
| ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements |
| ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C) |
| ETH 450: Latina/os, Schooling and Social Inequality (C) |

ETH 469: Abject Bodies and the Politics of Trash (SB & C)

ETH 473: Indigenous and Latina/Chicana Representation (SB & C)

HST 419: 20th Century Chicano/a History (C) or LAS 419: 20th Century Chicano/a History (C)

SBS 301: Cultural Diversity ((L or SB) & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
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**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Social and Cultural Analysis (Latin American Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCALABA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 is required for all transfer students in place of NEW 101-H.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, please speak with an academic advisor.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Latin American Studies Concentration Course | 3 | C | • Explore an internship, IGLE international experience or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | • HRC 310 fulfills three credit hours of the New College Language and Cultures requirement.<br>• IAS 300 (three credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| *Complete 2 courses:*<br>Upper Division Latin American Studies Concentration Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Latin American Studies Concentration Course | 6 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Latin American Studies Concentration Course | 3 | C | • Gather professional references. |
| Upper Division Elective OR LAS 484: Internship | 3 | | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | HRC 480: Capstone: Practices and Approaches (L) | 3 | C |
| ★ | *Complete 2 courses:*<br>Upper Division Latin American Studies Concentration Course | 6 | C |
| | Upper Division Elective | 3 | |
| | Term hours subtotal: | 12 | |

- Apply for full-time career opportunities.

- For the Latin American Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

| Latin American Studies Concentration |
|---|
| LAS 205: Deep Roots: Latin America (HU & G) |
| LAS 206: Locating Latin America:Interdisciplinary Methods |
| LAS 330: From the Inside: The Latin American Journey (HU) |
| LAS 340: Latin American Women Writers |
| LAS 350: The Construction of a Nation: Chile in the 20th/21st Century |
| LAS 351: Cityscapes: Urban Mexican Literature and Culture |
| LAS 355: Contemporary Mexican Cinema: Changing Cartographies |
| LAS 375: Colonial Latin America (SB & H) |
| LAS 376: Modern Latin America (SB & G & H) |
| LAS 404: Conquest and Encounters in Colonial Latin America (L & G) |
| LAS 419: 20th Century Chicano/a History (C) |
| LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H) |
| LAS 430: Gender on the Borderlands (SB & G) |
| LAS 441: Latin America and the World Economy (L & G & H) |
| LAS 450: Latina/os, Schooling and Social Inequality (C) |
| LAS 471: Treaties and Cultural Production in Spain and the Americas |
| LAS 473: Indigenous and Latina/Chicana Representation (SB & C) |

LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)

LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Social and Cultural Analysis (Peace Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCAPSBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 is required for all transfer students in place of NEW 101-H.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For any questions, please speak with an academic advisor.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Peace Studies Concentration Course | 3 | C | • Explore an internship, IGLE international experience or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | • HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.<br>• IAS 300 (three credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| *Complete 2 courses:*<br>Upper Division Peace Studies Concentration Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Peace Studies Concentration Course | 6 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Peace Studies Concentration Course | 3 | C | • Gather professional references. |
| Upper Division Elective OR IAS 484: Internship | 3 | | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | HRC 480: Capstone: Practices and Approaches (L) | 3 | C |
| ★ | *Complete 2 courses:*<br>Upper Division Peace Studies Concentration Course | 6 | C |
| | Upper Division Elective | 3 | |
| | Term hours subtotal: | 12 | |

- Apply for full-time career opportunities.

- For the Peace Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

| Peace Studies Concentration |
|---|
| AMS 276: U.S. Women's Movements (H & C) or WST 276: U.S. Women's Movements (H & C) |
| ASB 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB) |
| COM 312: Communication, Conflict, and Negotiation |
| COM 423: Facilitating Collaboration and Dialogue |
| ENG 312: English in its Social Setting (L or HU or SB) |
| ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements |
| HST 454: History of Genocide (G & H) or FOR 454: History of Genocide (G & H) |
| IAP 307: Art and War (HU & G) |
| IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) |
| JHR 100: Introduction to Social Justice and Human Rights (SB & G) |
| JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) |
| NEW 100: Introduction to Conflict Resolution |
| PAX 230: Introduction to Peace Studies (G) |
| PHI 306: Applied Ethics (HU) |
| POS 480: Global Justice (G) or SBS 480: Global Justice (G) |
| SOC 241: Modern Social Problems (SB) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Social and Cultural Analysis (Queer and Sexuality Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCAQSBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 is required for all transfer students in place of NEW 101-H.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, speak with an academic advisor.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |

| | | |
|---|---|---|
| Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Queer and Sexuality Studies Concentration Course | 3 | C | • Explore an internship, IGLE international experience or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | • HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.<br>• IAS 300 (three credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| *Complete 2 courses:* Upper Division Queer and Sexuality Studies Concentration Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Queer and Sexuality Studies Concentration Course | 6 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Queer and Sexuality Studies Concentration Course | 3 | C | • Gather professional references. |
| Upper Division Elective OR WST 484: Internship | 3 | | |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 480: Capstone: Practices and Approaches (L) | 3 | C | • Apply for full-time career opportunities.> |
| *Complete 2 courses:* Upper Division Queer and Sexuality Studies Concentration Course | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- For the Queer and Sexuality Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.
- If WST 100 is taken in Term 2, WST 100 and WST 300 may not be taken as Concentration Courses.

Hide Course List(s)/Track Group(s)

| Queer and Sexuality Studies Concentration |
|---|
| AMS 276: U.S. Women's Movements (H & C) or WST 276: U.S. Women's Movements (H & C) |
| ENG 443: Gender, Culture and Literacy or WST 415: Gender, Culture and Literacy |
| ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements |
| SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C) |
| WST 333: Critical Perspectives on Sexuality (SB & C) |
| WST 376: Feminist Theory (H & C) |
| WST 380: Race, Gender, and Class (SB & C) |
| WST 428: Gender, Madness and Justice (SB) |
| WST 444: Gender, Health, and Bodies (SB) |
| WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) |
| WST 457: Women, Cultures, and Societies (SB & G) |
| WST 469: Abject Bodies and the Politics of Trash (SB & C) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Social and Cultural Analysis (Women and Gender Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSCAWSBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 is required for all transfer students in place of NEW 101-H.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, please speak with an academic advisor.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Women and Gender Studies Concentration Course | 3 | C | • Explore an internship, IGLE international experience or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | • HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.<br>• IAS 300 (three credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| *Complete 2 courses:*<br>Upper Division Women and Gender Studies Concentration Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Women and Gender Studies Concentration Course | 6 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Women and Gender Studies Concentration Course | 3 | C | • Gather professional references. |
| Upper Division Elective OR WST 484: Internship | 3 | | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| HRC 480: Capstone: Practices and Approaches (L) | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Women and Gender Studies Concentration Course | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- Apply for full-time career opportunities.

- For the Women and Gender Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

| Women and Gender Studies Concentration |
|---|
| ENG 443: Gender, Culture and Literacy or WST 415: Gender, Culture and Literacy |
| ENG 454: Gender and Literature (L or HU) |
| HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) |
| SBS 301: Cultural Diversity ((L or SB) & C) |
| WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C) |
| WST 220: Gender, Media and Culture (HU & C) |
| WST 276: U.S. Women's Movements (H & C) |
| WST 333: Critical Perspectives on Sexuality (SB & C) |
| WST 341: Latin American Women Writers |
| WST 370: Chronicling Women's Lives (HU & C) |
| WST 376: Feminist Theory (H & C) |
| WST 380: Race, Gender, and Class (SB & C) |
| WST 390: Women, Gender and Religion (HU & G) |
| WST 428: Gender, Madness and Justice (SB) |
| WST 430: Gender on the Borderlands (SB & G) |
| WST 433: Race and Sexualities in Social Justice Movements or ETH 433: Race and Sexualities in Social Justice Movements |
| WST 444: Gender, Health, and Bodies (SB) |
| WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) |

WST 457: Women, Cultures, and Societies (SB & G)

WST 469: Abject Bodies and the Politics of Trash (SB & C)

WST 473: Indigenous and Latina/Chicana Representation (SB & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sociology, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus, ASU@Lake Havasu
ASSOCBA

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC Elective | 3 | C | • For SOC electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods | 3 | C | • IAS 300 (three credit hours) is required for all transfer students.<br>• For SOC electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS.<br>• A maximum of six credit hours of SOC 484 or SOC 499 can be used for SOC electives.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| SBS 304: Social Statistics I (CS) | 3 | C | |
| SOC Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • For SOC electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS.<br>• A maximum of six credit hours of SOC 484 or SOC 499 can be used for SOC electives.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| *Complete 2 courses:* SOC Upper Division Elective | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 426: Social Inequality (SB) OR SOC 486: Contemporary Theory (SB) | 3 | C | • For SOC electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS.<br>• A maximum of six credit hours of SOC 484 or SOC 499 can be used for SOC electives.<br>• Gather professional references. |
| Related Area Course | 3 | C | |
| SOC Upper Division Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language | 3 | C | |

| | | |
|---|---|---|
| or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | | |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SOC Upper Division Elective | 3 | C | • For SOC electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS.<br>• A maximum of six credit hours of SOC 484 or SOC 499 can be used for SOC electives.<br>• Apply for full-time career opportunities. |
| Related Area Course | 3 | C | |
| Upper Division Elective OR SOC 484: Internship | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| |
|---|
| Related Area Courses |
| ASB Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SBS Elective |
| SOC Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sociology, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSOCBS

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC Elective | 3 | C | • For sociology electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS.<br>• Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Related Area Course | 6 | C | • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 303: Quantitative Methods | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• For sociology electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS.<br>• A maximum of six credit hours of SOC 484 or SOC 499 can be used for sociology electives.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| SBS 304: Social Statistics I (CS) | 3 | C | |
| SOC Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SBS 302: Qualitative Methods | 3 | C | • For sociology electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS.<br>• A maximum of six credit hours of SOC 484 or SOC 499 can be used for sociology electives.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| *Complete 2 courses:*<br>SOC Upper Division Elective | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC Upper Division Elective | 3 | C | • For sociology electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS.<br>• A maximum of six credit hours of SOC 484 or SOC 499 can be used for sociology electives.<br>• Gather professional references. |
| Related Area Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies | 3 | C | |

| | | | |
|---|---|---|---|
| | requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | | |
| | *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| | Term hours subtotal: | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SOC 426: Social Inequality (SB) OR SOC 486: Contemporary Theory (SB) | 3 | C | • For sociology electives, in addition to the SOC subject code, other relevant courses may be chosen with advisor approval from the following subject codes: ASB, JHR, POS, PSY and SBS.<br>• A maximum of six credit hours of SOC 484 or SOC 499 can be used for sociology electives.<br>• Apply for full-time career opportunities. |
| SOC Upper Division Elective | 3 | C | |
| Upper Division Elective OR SOC 484: Internship | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|---|
| ASB Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SBS Elective |
| SOC Elective |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Spanish, BA

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSPABA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPA 102: Elementary Spanish II | 4 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H.<br>• SPA 101 is for true beginners, is considered introductory, does not count toward the major, and taking it will extend the amount of time to degree completion. See academic advisor for more information.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPA 201: Intermediate Spanish (G) | 4 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPA 202: Intermediate Spanish (G) | 4 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 14 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C) | 3 | C | • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Related Area Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C) | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| SPA 325: Introduction to Hispanic Literature (HU) | 3 | C | |
| Upper Division Spanish Culture and Civilization Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Spanish Culture and Civilization Course | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Spanish Literature Course | 3 | C | |
| Related Area Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Spanish Culture and Civilization Course | 3 | C | • Gather professional references. |
| Upper Division Spanish Literature Course | 3 | C | |
| *Complete 2 courses:*<br>Related Area Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Spanish Culture and Civilization Course | 3 | C | • Apply for full-time career opportunities. |
| *Complete 2 courses:*<br>Upper Division Spanish Literature Course | 6 | C | |

| | |
|---|---|
| Upper Division Elective OR SPA 484: Internship | 3 |
| Elective | 3 |
| Term hours subtotal: | 15 |

- - Literature: choose 12 hours (four courses)
  - Spanish Culture and Civilization: choose 12 hours (four courses). Courses taught in English will require all written work in Spanish for major credit.
  - Related Area Electives: total of 12 hours (four courses). Choose from SPA, LAS or Related Area Electives List. Other courses must be approved by an academic advisor.

Hide Course List(s)/Track Group(s)

| Upper Division Spanish Literature Courses |
|---|
| LAS 340: Latin American Women Writers |
| LAS 351: Cityscapes: Urban Mexican Literature and Culture |
| SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) |
| SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) |
| SPA 429: Writing Mexico: Major Texts ((L or HU) & G) |
| SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C) |

| Upper Division Spanish Culture and Civilization Courses |
|---|
| LAS 330: From the Inside: The Latin American Journey (HU) |
| LAS 355: Contemporary Mexican Cinema: Changing Cartographies |
| LAS 394: Special Topics |
| LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H) |
| LAS 471: Treaties and Cultural Production in Spain and the Americas |
| LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU) |
| LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) |
| LAS 494: Special Topics |
| SPA 394: Special Topics |

| Related Area Electives |
|---|
| ASB 356: Central American Studies (SB & G) or SBS 356: Central American Studies (SB & G) or SOC 356: Central American Studies (SB & G) or POS 354: Central American Studies (SB & G) |
| ENG 334: The American Southwest in Literature and Film ((L or HU) & C) |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| LAS 205: Deep Roots: Latin America (HU & G) |
| LAS 206: Locating Latin America:Interdisciplinary Methods |
| LAS 340: Latin American Women Writers |
| LAS 350: The Construction of a Nation: Chile in the 20th/21st Century |
| LAS 351: Cityscapes: Urban Mexican Literature and Culture |
| LAS 355: Contemporary Mexican Cinema: Changing Cartographies |
| LAS 375: Colonial Latin America (SB & H) |
| LAS 376: Modern Latin America (SB & G & H) |
| LAS 404: Conquest and Encounters in Colonial Latin America (L & G) |
| LAS 419: 20th Century Chicano/a History (C) |
| LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H) |
| LAS 471: Treaties and Cultural Production in Spain and the Americas |

LAS 473: Indigenous and Latina/Chicana Representation (SB & C)

LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)

LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

POS 453: Latin America (SB & G)

POS 454: Mexico (SB & G)

SPA 412: Advanced Conversation and Composition (G)

SPA 413: Spanish Grammar in Context (G)

SPA 456: 20th-Century Spanish American Fiction

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Statistics, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASSTABS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.<br>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • Develop your research skills.<br>• Develop your professional skills.<br>• Build your professional connections -- join the ASU Mentor Network. |
| STP 280: Probability and Statistics for Researchers (CS) | 3 | C | |
| ACO 101: Introduction to Computer Science (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 281: Statistical Analysis for Researchers | 3 | C | • Completion of ACO 101 and ACO 102 (with C or better) fulfills the New College Proficiency - Language and Cultures requirement.<br>• Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| ACO 102: Object-Oriented Programming (CS) | 3 | C | |
| Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 310: Design and Analysis of Experiments | 3 | C | • IAS 300 (3 credit hours) is required for all transfer students.<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Develop your professional online presence. |
| STP 311: Regression and Time Series Analyses | 3 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 315: Statistical Computing | 3 | C | • Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. See advisor to select the proper courses for the desired related field.<br>• Students interested in graduate school should enroll in MAT 300, 371 and 472.<br>• For data science careers, complete ACO courses for focus area.<br>• LSC 388 is strongly recommended for students interested in graduate school.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Statistics Elective | 3 | C | |
| Statistics Focus Area Course | 3 | C | |
| Literacy and Critical Inquiry (L) ( LSC 388 recommended) | 3 | C | |
| Upper Division Elective OR STP 484: Internship | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 421: Probability | 3 | C | • Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. See advisor to select the proper courses for the desired related field.<br>• Students interested in graduate school should enroll in MAT 300, 371 and 472.<br>• For data science careers, complete ACO courses for focus area.<br>• Gather professional references. |
| STP 485: Statistics Capstone | 3 | C | |
| Upper Division Statistics Elective | 3 | C | |
| Statistics Focus Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ STP 427: Mathematical Statistics | | 3 | C |
| Upper Division Statistics Elective | | 3 | C |
| Statistics Focus Area Course | | 3 | C |
| *Complete 2 courses:*<br>Upper Division Elective | | 6 | |
| | Term hours subtotal: | 15 | |

- Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. See advisor to select the proper courses for the desired related field.
- Students interested in graduate school should enroll in MAT 300, 371 and 472 for focus area.
- For data science careers, complete ACO courses for focus area.
- Apply for full-time career opportunities.

- Statistics Focus Area Courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. See advisor to select the proper courses for the desired related field.
- Students should select and complete three courses (9-10 credit hours) from a single discipline. (i.e. three MAT courses or three CHM courses or three ACO courses) to complete the Focus Area requirement.
- Students interested in graduate school should enroll in MAT 300, 371 and 472 for the Statistics Focus area.
- For data science careers, complete Applied Computing (ACO) courses for the focus area.

Hide Course List(s)/Track Group(s)

| Upper Division Statistics Electives |
|---|
| STP 450: Nonparametric Statistics |
| STP 451: Quality Improvement |
| STP 452: Multivariate Statistics |
| STP 460: Categorical Data Analysis |

| Statistics Focus Area Course |
|---|
| ACO 201: Data Structures and Algorithms (CS) |
| ACO 320: Database Systems |
| ACO 350: Systems Programming (CS) |
| CHM 113: General Chemistry I (SQ) |
| CHM 116: General Chemistry II (SQ) |
| CHM 233: General Organic Chemistry I |
| MAT 243: Discrete Mathematical Structures |
| MAT 300: Mathematical Structures (L) |
| MAT 371: Advanced Calculus I |
| MAT 421: Applied Computational Methods (CS) |
| MAT 450: Mathematical Models in Biology |
| MAT 472: Intermediate Real Analysis I |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Women and Gender Studies, BS

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus
ASWSTBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Students should consult an advisor on (MA) course selection to ensure prerequisites for selected Statistics or Quantitative Methods requirement are met.<br>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.<br>• IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Activate your Handshake account and build out your profile. |
| WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Create a first draft resume.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Women and Gender Studies Elective | 3 | C | • If students are interested in taking PSY 230 to satisfy three credit hours of the Statistics or Quantitative Methods requirement, then PSY 101 should be selected for the Social-Behavioral Sciences requirement.<br>• Develop your research skills.<br>• Develop your professional skills. |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) ( PSY 101 recommended) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15 | |

- Build your professional connections -- join the ASU Mentor Network.

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| WST 276: U.S. Women's Movements (H & C) | 3 | C |
| Women and Gender Studies Elective | 3 | C |
| Global Awareness (G) | 3 | |
| *Complete 2 courses:* Elective | 6 | |
| Term hours subtotal: | 15 | |

- Explore an internship, an IGLE international experience, or ASU Study Abroad.

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C |
| *Complete 2 courses:* Upper Division Women and Gender Studies Elective | 6 | C |
| Statistics or Quantitative Methods Electives | 3 | C |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | |
| Term hours subtotal: | 15 | |

- IAS 300 (3 credit hours) is required for all transfer students; elective credit hours may need adjustment. Transfer students, please see your academic advisor.
- Completion of HRC 310 with a C or better fulfills three credit hours of the New College Language and Cultures requirement.
- Thinking of grad school? Consider registering for a grad school test prep course.
- Develop your professional online presence.

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| *Complete 3 courses:* Upper Division Women and Gender Studies Elective | 9 | C |
| Upper Division Language and Cultures: Requirement satisfied through the following:<br>* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Elective | 3 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| *Complete 2 courses:* Upper Division Women and Gender Studies Elective | 6 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Upper Division Elective | 3 | |
| Elective OR WST 484: Internship | 3 | |
| Term hours subtotal: | 15 | |

- Gather professional references.

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|

| | | | |
|---|---|---|---|
| ⭐ HRC 480: Capstone: Practices and Approaches (L) | 3 | C | • Apply for full-time career opportunities. |
| *Complete 2 courses:*<br>Upper Division Women and Gender Studies Elective | 6 | C | |
| Statistics or Quantitative Methods Electives | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- For Women and Gender Studies Electives, students must choose courses from the course list below. Other courses must be approved by an academic advisor before enrollment. No course may be used to satisfy more than one requirement in the major.

Hide Course List(s)/Track Group(s)

| Women and Gender Studies Electives |
|---|
| AMS 332: Studies in Race and Ethnicity |
| AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) |
| COM 316: Gender and Communication (SB & C) |
| COM 416: Gender and Race in the Media |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| ENG 443: Gender, Culture and Literacy or WST 415: Gender, Culture and Literacy |
| ENG 454: Gender and Literature (L or HU) |
| ENG 455: Contemporary Women Writers |
| ENG 461: Studies in Women and Literature |
| ENG 462: Africana Literature (HU & G) |
| HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) |
| HST 419: 20th Century Chicano/a History (C) |
| SBS 301: Cultural Diversity ((L or SB) & C) |
| SOC 426: Social Inequality (SB) |
| WST 220: Gender, Media and Culture (HU & C) |
| WST 333: Critical Perspectives on Sexuality (SB & C) |
| WST 341: Latin American Women Writers or LAS 340: Latin American Women Writers |
| WST 370: Chronicling Women's Lives (HU & C) |

| Statistics or Quantitative Methods Electives |
|---|
| PSY 230: Introduction to Statistics (CS) |
| PSY 290: Research Methods (L or SG) |
| SBS 303: Quantitative Methods |
| SBS 304: Social Statistics I (CS) |
| STP 226: Elements of Statistics (CS) |
| STP 420: Introductory Applied Statistics (CS) |

WST 376: Feminist Theory (H & C)

WST 380: Race, Gender, and Class (SB & C)

WST 390: Women, Gender and Religion (HU & G) or REL 390: Women, Gender and Religion (HU & G)

WST 428: Gender, Madness and Justice (SB)

WST 430: Gender on the Borderlands (SB & G)

WST 433: Race and Sexualities in Social Justice Movements or ETH 433: Race and Sexualities in Social Justice Movements

WST 444: Gender, Health, and Bodies (SB)

WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)

WST 457: Women, Cultures, and Societies (SB & G)

WST 469: Abject Bodies and the Politics of Trash (SB & C)

WST 473: Indigenous and Latina/Chicana Representation (SB & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Digital Audiences, BS

School/College: Walter Cronkite School of Journalism and Mass Comm
Location: Online, ASU Local@Los Angeles
CSDIGABS

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-ONL: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MCO 120: Media and Society (SB) | 3 | C | • Students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser.<br>• View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Select your Career Interest Communities and play me3@ASU |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MCO 102: Fundamentals of Coding | 1 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Elective | 2 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 6 | |

| Term 4 - A 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mass Communication Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Develop your professional online presence |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MCO 307: The Digital Audience | 3 | C | • Due to course equivalency issues, students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Global Awareness (G) | 3 | | • Due to course equivalency issues, students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | • Use Handshake to research employment opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MCO 433: Social Media Campaigns, Engagement and Research | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MCO 434: Search Engine Research and Strategy | 3 | C | • Complete an in person or virtual practice interview |
| Elective | 3 | | |

| | | |
|---|---|---|
| Term hours subtotal: | 6 | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Mass Communication Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MCO 438: Digital Audience Analysis | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Gather professional references |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MCO 439: Digital Audience Growth | 3 | C | • Apply for full-time career opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Mass Communication Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Mass Communication Elective | 3 | C | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

- Mass Communication Electives
- MCO 101: Everyday Grammar
- MCO 240: Media Issues in American Pop Culture

MCO 302: Media Research Methods

MCO 335: Social Media

MCO 366: Media Ethics and Diversity

MCO 403: Media Law

MCO 418: History of Mass Communication (SB & H)

MCO 425: Digital Media Literacy I

MCO 426: Digital Media Literacy II

MCO 427: Misinformation and Society

MCO 428: Digital Media and Freedom of Expression in the 21st Century

MCO 430: International Mass Communication (G)

MCO 431: Media Entrepreneurship

MCO 450: Visual Communication (HU)

MCO 456: Political Communication (SB)

MCO 460: Race, Gender, and Media (C)

MCO 465: Sports and Media

MCO 470: Exploring the Business of Journalism

MCO 473: Sex, Love, and Romance in the Mass Media (SB)

MCO 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Digital Media Literacy, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location: Online, ASU Local@Los Angeles
CSDMLBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MCO 120: Media and Society (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-ONL: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | • View ASU Online first-year student registration information here.<br>• Create a first draft resume |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Historical Awareness (H) | 3 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Develop your skills |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mass Communication Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MCO 302: Media Research Methods | 3 | C | • Develop your professional online presence |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MCO 425: Digital Media Literacy I | 3 | C | • Use Handshake to research employment opportunities |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MCO 426: Digital Media Literacy II | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MCO 427: Misinformation and Society | 3 | C | • Complete an in person or virtual practice interview |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ★ MCO 428: Digital Media and Freedom of Expression in the 21st Century | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Mass Communication Elective | 3 | C | • Gather professional references |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Mass Communication Elective | 3 | C | • Apply for full-time career opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Mass Communication Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

Mass Communication Elective

- MCO 101: Everyday Grammar
- MCO 102: Fundamentals of Coding
- MCO 240: Media Issues in American Pop Culture
- MCO 307: The Digital Audience

MCO 335: Social Media

MCO 366: Media Ethics and Diversity

MCO 403: Media Law

MCO 418: History of Mass Communication (SB & H)

MCO 430: International Mass Communication (G)

MCO 431: Media Entrepreneurship

MCO 438: Digital Audience Analysis

MCO 439: Digital Audience Growth

MCO 450: Visual Communication (HU)

MCO 456: Political Communication (SB)

MCO 460: Race, Gender, and Media (C)

MCO 465: Sports and Media

MCO 470: Exploring the Business of Journalism

MCO 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location: Downtown Phoenix campus
CSJMCBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 101: Grammar for Journalists | 1 | B- | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year and transfer students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students should take a placement exam. |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| Mathematics (MA) | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 201: News Reporting and Writing (L) | 3 | C | • Select your career interest area and play me3@ASU<br>• Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 305: Multimedia Journalism | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) AND Statistics Course | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 301: Intermediate Reporting and Writing (L) | 3 | C | |

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | |
| JMC 366: Journalism Ethics and Diversity | 3 | C |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- Students interested in Public Relations should contact their academic adviser to review course recommendations.
- Courses you are taking now will impact your eligibility for certain Professional Programs. Please consult with your academic adviser to make sure you are on the right track to achieve your goal.

| **Term 4 48 - 64 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| SOC 101: Introductory Sociology (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.<br>AND<br>Global Awareness (G) | 4 | C | |
| Complete JMC 305 AND JMC 366 course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- Related Area courses must be approved by an academic adviser
- Explore careers and internship opportunities through Cronkite Career Services

| **Term 5 64 - 80 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 473: The Business and Future of Journalism OR JMC 310: Principles of Strategic Communications | 3 | C | |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- Thinking about graduate school? Consider registering for a grad school test prep course.

| **Term 6 80 - 96 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 402: Mass Communication Law | 3 | C | |
| Upper Division Advanced Skills Course | 3 | C | |
| JMC 484: Internship | 3 | Y | |
| Related Area Course | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |

- Students following Public Relations track should enroll in JMC 310; all others should enroll in JMC 473
- Advanced Skills course should be selected in consultation with academic adviser

| | | | |
|---|---|---|---|
| ★ | Complete Cultural Diversity in the U.S. (C) AND Historical Awareness (H) AND Global Awareness (G) course(s). | | |
| ★ | Minimum 2.50 GPA ASU Cumulative. | | |
| | Term hours subtotal: | 16 | |

| **Term 7** 96 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Professional Program | 3 | C | • Professional Programs require placement. Consult with your academic adviser to review your eligibility for certain programs.<br>• Students interested in additional Professional Program credit can apply it toward their Upper Division Advanced Skills Course credit. Consult with your academic adviser for more information.<br>• Related Area courses must be approved by an academic adviser |
| ★ Upper Division Advanced Skills Course | 3 | C | |
| JMC OR MCO Upper Division Elective | 3 | C | |
| Related Area Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

| **Term 8** 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC OR MCO Upper Division Elective | 3 | C | • Related Area courses must be approved by an academic adviser<br>• Complete an in person or virtual practice interview |
| MCO Upper Division Elective | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- Advanced Skills course should be selected in consultation with academic adviser

Hide Course List(s)/Track Group(s)

| Statistics (CS) | Professional Program | Philosophy |
|---|---|---|
| JUS 302: Statistical Analysis for Justice Studies (CS) | JMC 476: Public Relations Laboratory | HON 171: The Human Event (L or HU) |
| SOC 390: Social Statistics I (CS) | JMC 477: New Media Innovation and Entrepreneurship Lab | PHI 101: Introduction to Philosophy (HU) |
| STP 226: Elements of Statistics (CS) | JMC 478: Cronkite News: Phoenix Bureau | PHI 103: Principles of Sound Reasoning (L or HU) |
| SWU 321: Statistics for Social Workers (CS) | JMC 478: Cronkite News: Los Angeles | PHI 105: Intro to Ethics (HU) |
| | JMC 479: Cronkite News: Washington Bureau | PHI 306: Applied Ethics (HU) |
| | JMC 485: Television Magazine | |
| | JMC 486: Digital Audiences Lab | |
| | JMC 487: Howard Center for Investigative Journalism | |
| U.S. History | Advanced Skills Courses | |
| HST 109: United States to 1865 ((HU or SB) & H) | JMC 320: Newscast Producing | |
| | JMC 330: Television Reporting | |

HST 314: American Cultural History Since 1865 ((HU or SB) & H)

HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)

HST 334: African American History Since 1865 ((HU or SB) & C & H)

HST 337: American Indian History to 1900 ((HU or SB) & C & H)

HST 338: American Indian History since 1900 ((HU or SB) & C & H)

JMC 333: Advanced Bilingual Broadcast Reporting

JMC 351: Photojournalism I

JMC 412: Opinion Writing

JMC 413: Advanced Editing

JMC 414: Digital Graphic Design

JMC 415: Writing for Public Relations

JMC 421: Advanced Digital Storytelling

JMC 430: Sports Marketing and Campaigns

JMC 434: Advanced Bilingual Reporting

JMC 436: Public Relations Research

JMC 437: Documentary Production

JMC 440: Magazine Writing

JMC 451: Photojournalism II

JMC 453: Reporting on Business and the Economy

JMC 455: Digital Media Entrepreneurship

JMC 457: Advanced Radio Reporting

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 470: Depth Reporting

JMC 476: Public Relations Laboratory

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News - Phoenix

JMC 478: Cronkite News: Los Angeles

JMC 479: Cronkite News: Washington Bureau

JMC 480: Cronkite News: Phoenix Sports Bureau

JMC 481: Cronkite News: Los Angeles Sports Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

JMC 441: Narrative Writing and Reporting.

**Notes:**

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location:
CSJMCBA

# and

# Graphic Information Technology, BS

Ira A. Fulton Schools of Engineering
TSGITBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 135: Graphic Communications | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| JMC 101: Grammar for Journalists | 1 | Y | |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 210: Creative Thinking and Design Visualization | 3 | | • Create a first draft resume<br>• Select your career interest community and play me3@ASU |
| JMC 201: News Reporting and Writing (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

| | | |
|---|---|---|
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Summer 2 32 - 39 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) | 3 | | • Build your professional connections -- join the ASU Mentor Network |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 3 39 - 55 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 230: Digital Illustration in Publishing | 3 | C | • Develop your professional online presence |
| JMC 305: Multimedia Journalism | 3 | C | |
| JMC 351: Photojournalism I | 3 | C | |
| JMC 366: Journalism Ethics and Diversity | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 55 - 71 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 215: Introduction to Web Authoring | 3 | C | For Focus Area Courses, students must select one of the following focus areas:<br>• Front-End Web Design and Development<br>• Motion Graphics/Visual Effects<br>• Digital Design, Print and Publishing<br>• Commercial Photography and Video<br>All 12 hours of focus area courses must be taken from the same focus area. |
| JMC 301: Intermediate Reporting and Writing (L) | 3 | C | |
| GIT 250: Introduction to Commercial Print | 3 | | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.<br>AND<br>Global Awareness (G) | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 71 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIT 303: Digital Publishing | 3 | | • Develop your skills |
| GIT 384: Commercial Photography | 3 | | |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| JMC 473: The Business and Future of Journalism | 3 | C | |
| GIT Focus Area Course | 3 | | |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| Term 6 89 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Journalism and Mass Communication Major Elective | 3 | C | • Explore an internship |
| JMC 414: Digital Graphic Design | 3 | C | |
| JMC 402: Mass Communication Law | 3 | C | |
| GIT Focus Area Course | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | • Gather professional references |
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | |
| JMC 484: Internship | 3 | Y | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| GIT Focus Area Course | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 120 - 132 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIT 432: Graphic Industry Business Practices | 3 | | |
| ★ JMC 477: New Media Innovation and Entrepreneurship Lab | 3 | C | |
| POS 310: American National Government (SB) | 3 | | |
| GIT Focus Area Course | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- For Focus Area Courses, students must select one of the following focus areas:
  - Front-End Web Design and Development
  - Motion Graphics/Visual Effects
  - Digital Design, Print and Publishing
  - Commercial Photography and Video

All 12 hours of focus area courses must be taken from the same focus area.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|---|
| Philosophy Course | U.S. History Course | Journalism & Mass Communication Upper Division Major Elective |
| HON 171: The Human Event (L or HU) | HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H) | JMC 451: Photojournalism II |
| PHI 101: Introduction to Philosophy (HU) | HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) | JMC 455: Digital Media Entrepreneurship |

| | | |
|---|---|---|
| PHI 103: Principles of Sound Reasoning (L or HU) | HST 334: African American History Since 1865 ((HU or SB) & C & H) | JMC 460: Advanced Online Media |
| PHI 105: Intro to Ethics (HU) | HST 337: American Indian History to 1900 ((HU or SB) & C & H) | MCO 425: Digital Media Literacy I |
| PHI 306: Applied Ethics (HU) | HST 338: American Indian History since 1900 ((HU or SB) & C & H) | |
| GIT Focus Area: Front-End Web Design and Development | GIT Focus Area: Motion Graphics/Visual Effects | GIT Focus Area: Digital Design, Print and Publishing |
| GIT 337: Web Content Design | GIT 211: Introduction to Video Game Art | GIT 333: Printing Technology |
| GIT 340: Information Design and Usability | GIT 312: 3-D Computer Graphics Modeling and Representation (CS) | GIT 334: Image Editing and Manipulation |
| GIT 402: New Media Internet Technologies | GIT 411: Computer Animation | GIT 437: Color Reproduction Systems |
| GIT 414: Web Site Design and Internet/Web Technologies | GIT 450: Digital Workflow in Graphic Industries | GIT 450: Digital Workflow in Graphic Industries |
| GIT 417: Advanced Web Markup and Scripting | GIT 494: Special Topics | GIT 494: Special Topics |
| GIT 418: Multimedia Authoring, Scripting and Production | | TWC 411: Principles of Visual Communication (L) |
| GIT 435: Website and E-Commerce Strategies | | |
| GIT 450: Digital Workflow in Graphic Industries | | |
| GIT 494: Special Topics | | |
| GIT Focus Area: Commercial Photography and Video | | |
| GIT 295: Introduction to Technical Imaging | | |
| GIT 315: Digital Video Techniques | | |
| GIT 334: Image Editing and Manipulation | | |
| GIT 415: Advanced Digital Video Techniques | | |
| GIT 450: Digital Workflow in Graphic Industries | | |
| GIT 490: Advanced Commercial Photography | | |
| GIT 494: Special Topics | | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 132
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map
# Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location:
CSJMCBA

# and Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA

The College of Liberal Arts and Sciences
LATCLTBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 101: Grammar for Journalists | 1 | B- | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 201: News Reporting and Writing (L) | 3 | C | • Select your career interest area and play me3@ASU<br>• Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |

| | | |
|---|---|---|
| JMC 305: Multimedia Journalism | 3 | C |
| STP 226: Elements of Statistics (CS) | 3 | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 301: Intermediate Reporting and Writing (L) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | |
| JMC 366: Journalism Ethics and Diversity | 3 | C | |
| Transborder Community Development and Health Track Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 65 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | • Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement.<br>• Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation.. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 65 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 473: The Business and Future of Journalism | 3 | C | |
| TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | |
| JMC 435: Latino and Transnational Issues | 3 | C | |
| TCL 323: Latina/o Health Issues (SB & C) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 16

| Term 6 81 - 99 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| Term 7 99 - 114 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 305: Transborder Practicum and Field Research | 3 | C | • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses.<br>• Gather professional references |
| Upper Division JMC Professional Program Course | 3 | C | |
| JMC 484: Internship | 3 | Y | |
| TCL 321: Transborder Community Development and Health OR SOC 320: Transborder Community Development and Health | 3 | | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 114 - 129 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 498: Pro-Seminar | 3 | C | • Professional programs require placement. Please consult your academic advisor.<br>• Apply for full-time career opportunities. |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| *Complete 2 courses:* Transborder Community Development and Health Track Course | 6 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- 
  - Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.
  - Students must complete 15 credit hours from the Transborder Community Development and Health track.

Hide Course List(s)/Track Group(s)

| Philosophy Course | JMC Advanced Skills Course |
|---|---|

HON 171: The Human Event (L or HU)

PHI 101: Introduction to Philosophy (HU)

PHI 103: Principles of Sound Reasoning (L or HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

JMC Professional Program Courses

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 320: Newscast Producing

JMC 330: Television Reporting

JMC 333: Advanced Bilingual Broadcast Reporting

JMC 351: Photojournalism I

JMC 412: Opinion Writing

JMC 413: Advanced Editing

JMC 414: Digital Graphic Design

JMC 421: Advanced Digital Storytelling

JMC 430: Sports Marketing and Campaigns

JMC 434: Advanced Bilingual Reporting

JMC 437: Documentary Production

JMC 440: Magazine Writing

JMC 441: Narrative Writing and Reporting.

JMC 451: Photojournalism II

JMC 453: Reporting on Business and the Economy

JMC 455: Digital Media Entrepreneurship

JMC 457: Advanced Radio Reporting

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

Transborder Community Development and Health Track

TCL 315: Latinx Family Structures (SB)

TCL 326: Health of Chicanas and Latinas (SB & C)

TCL 327: Health and Migration (SB)

TCL 342: Social Demographics of Latino Populations (SB & C)

TCL 410: Race, Medicine, and the Body (L)

TCL 422: U.S.-Mexico Border Health

TCL 424: Theory and Practice of Community Development and Health (SB)

TCL 443: Political Ecology of the Border (SB & G)

TCL 447: Gender, Culture, and Development ((L or SB) & G)

TCL 484: Internship

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 129
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location:
CSJMCBA

and

# Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA

The College of Liberal Arts and Sciences
LATCLUBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 101: Grammar for Journalists | 1 | B- | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| JMC 201: News Reporting and Writing (L) | 3 | C |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C |
| JMC 305: Multimedia Journalism | 3 | C |
| STP 226: Elements of Statistics (CS) | 3 | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- Select your career interest area and play me3@ASU
- Develop your professional online presence

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C |
| JMC 301: Intermediate Reporting and Writing (L) | 3 | C |
| JMC 366: Journalism Ethics and Diversity | 3 | C |
| U.S. and Mexican Regional Immigration Policy and Economy Track Course | 3 | C |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- Build your professional connections -- join the ASU Mentor Network

| Term 4 48 - 65 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation.. | 4 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 17 | |

- Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement.
- Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses.

| Term 5 65 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| JMC 473: The Business and Future of Journalism | 3 | C |
| TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C |
| JMC 435: Latino and Transnational Issues | 3 | C |

| | | |
|---|---|---|
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 6 81 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| ★ TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) OR SOC 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| SPA Upper Division Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| Term 7 99 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division JMC Professional Program Course | 3 | C | • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses.<br>• Gather professional references |
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | |
| JMC 484: Internship | 3 | Y | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| U.S. and Mexican Regional Immigration Policy and Economy Track Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 114 - 129 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TCL 498: Pro-Seminar | 3 | C | • Professional programs require placement. Please consult your academic advisor.<br>• Apply for full-time career opportunities |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| *Complete 2 courses:*<br>U.S. and Mexican Regional Immigration Policy and Economy Track Course | 6 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- 
- Students must complete 15 credit hours from the U.S.and Mexican Regional Immigration Policy and Economy Track.

- Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.

Hide Course List(s)/Track Group(s)

| Philosophy Course |
| --- |
| HON 171: The Human Event (L or HU) |
| PHI 101: Introduction to Philosophy (HU) |
| PHI 103: Principles of Sound Reasoning (L or HU) |
| PHI 105: Intro to Ethics (HU) |
| PHI 306: Applied Ethics (HU) |

| U.S. and Mexican Regional Immigration Policy and Economy Track |
| --- |
| TCL 315: Latinx Family Structures (SB) |
| TCL 327: Health and Migration (SB) |
| TCL 331: Mexican American History to 1900 (SB & H & C) |
| TCL 335: Historical Studies in Race, Crime, and the Law |
| TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) |
| TCL 341: Latinas/os and the City (C) |
| TCL 342: Social Demographics of Latino Populations (SB & C) |
| TCL 377: Arizona, Immigration, Latinos and Politics |
| TCL 443: Political Ecology of the Border (SB & G) |
| TCL 444: The Ethnography of Mexico and the Borderlands (SB & G) |
| TCL 484: Internship |

| JMC Advanced Skills Course |
| --- |
| JMC 320: Newscast Producing |
| JMC 330: Television Reporting |
| JMC 333: Advanced Bilingual Broadcast Reporting |
| JMC 351: Photojournalism I |
| JMC 412: Opinion Writing |
| JMC 413: Advanced Editing |
| JMC 414: Digital Graphic Design |
| JMC 421: Advanced Digital Storytelling |
| JMC 430: Sports Marketing and Campaigns |
| JMC 434: Advanced Bilingual Reporting |
| JMC 437: Documentary Production |
| JMC 440: Magazine Writing |
| JMC 451: Photojournalism II |
| JMC 453: Reporting on Business and the Economy |
| JMC 455: Digital Media Entrepreneurship |
| JMC 460: Advanced Online Media |
| JMC 465: Telling Stories with Data |
| JMC 477: New Media Innovation and Entrepreneurship Lab |
| JMC 478: Cronkite News: Los Angeles |
| JMC 478: Cronkite News: Phoenix Bureau |
| JMC 479: Cronkite News: Washington Bureau |
| JMC 485: Television Magazine |
| JMC 486: Digital Audiences Lab |
| JMC 487: Howard Center for Investigative Journalism |

| JMC Professional Program Courses |
| --- |
| JMC 477: New Media Innovation and Entrepreneurship Lab |
| JMC 478: Cronkite News: Los Angeles |
| JMC 478: Cronkite News: Phoenix Bureau |

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 129
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map
# Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location:
CSJMCBA

and

Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA

The College of Liberal Arts and Sciences
LATCLMBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 101: Grammar for Journalists | 1 | B- | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 201: News Reporting and Writing (L) | 3 | C | • Select your career interest communities and play me3@ASU<br>• Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |

| | | |
|---|---|---|
| JMC 305: Multimedia Journalism | 3 | C |
| STP 226: Elements of Statistics (CS) | 3 | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| **Term 3 32 - 48 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| TCL 220: Transborder Latina/o Expressive Culture ((L or HU or SB) & C) | 3 | C | |
| JMC 301: Intermediate Reporting and Writing (L) | 3 | C | |
| JMC 366: Journalism Ethics and Diversity | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 48 - 65 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | • Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement.<br>• Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation.. | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| **Term 5 65 - 81 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 473: The Business and Future of Journalism | 3 | C | • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
| TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | |
| JMC 435: Latino and Transnational Issues | 3 | C | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| **Term 6 81 - 99 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| Media and Expressive Culture Track Course | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| **Term 7 99 - 114 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | • Gather professional references |
| ★ Upper Division JMC Professional Program Course | 3 | C | |
| JMC 484: Internship | 3 | Y | |
| Media and Expressive Culture Track Course | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| **Term 8 114 - 129 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ TCL 498: Pro-Seminar | 3 | C | • Professional programs require placement. Please consult your academic advisor.<br>• Apply for full-time career opportunities. |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| *Complete 2 courses:*<br>Media and Expressive Culture Track Course | 6 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- 
  - Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.
  - Students must complete 15 credit hours from the Media and Expressive Culture Track.

Hide Course List(s)/Track Group(s)

| Philosophy Course | JMC Professional Program Courses | JMC Advanced Skills Course |
|---|---|---|

HON 171: The Human Event (L or HU)

PHI 101: Introduction to Philosophy (HU)

PHI 103: Principles of Sound Reasoning (L or HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

JMC 320: Newscast Producing

JMC 330: Television Reporting

JMC 333: Advanced Bilingual Broadcast Reporting

JMC 351: Photojournalism I

JMC 412: Opinion Writing

JMC 413: Advanced Editing

JMC 414: Digital Graphic Design

JMC 421: Advanced Digital Storytelling

JMC 430: Sports Marketing and Campaigns

JMC 434: Advanced Bilingual Reporting

JMC 437: Documentary Production

JMC 440: Magazine Writing

JMC 441: Narrative Writing and Reporting.

JMC 451: Photojournalism II

JMC 453: Reporting on Business and the Economy

JMC 455: Digital Media Entrepreneurship

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

Media and Expressive Culture Track

TCL 211: Latinx Poetics (HU & C)

TCL 310: Folklore of the Southwest (HU & C)

TCL 328: U.S. Latino Religion and Culture (HU & C)

TCL 331: Mexican American History to 1900 (SB & H & C)

TCL 335: Historical Studies in Race, Crime, and the Law

TCL 350: Mexican and Chicana/o Artistic Production (HU & C & G)

TCL 351: Chicana/o and Latina/o Art (HU & C)

TCL 352: Chicana/o Film (C)

TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

TCL 370: Signs of Aliens: Semiotics of Film and Popular Culture (HU)

TCL 464: Latina/o Literature ((L or HU) & C)

TCL 471: Latinos In Hollywood (HU & C)

TCL 484: Internship

TCL 485: Chicana and Latina Writers ((L or HU) & C)

TCL 490: Transborder Queer Performativity (HU & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 129
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map
# Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location:
CSJMCBA

## and
## Geography
## (Meteorology-Climatology), BS

The College of Liberal Arts and Sciences
LAGCUMBS

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 101: Grammar for Journalists | 1 | B- | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students should take a placement exam, regardless of prior credit earned. |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| JMC 120: Studio Production | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 35 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GPH 111: Introduction to Physical Geography (SQ) | 3 | C | • Select your career interest area and play me3@ASU |
| GPH 112: Introduction to Physical Geography Lab (SQ) | 1 | C | |
| JMC 201: News Reporting and Writing (L) | 3 | C | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 18 | |

| **Term 3 35 - 53 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 301: Intermediate Reporting and Writing (L) | 3 | C | • Develop your professional online presence<br>• Develop your skills |
| JMC 305: Multimedia Journalism | 3 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 18 | | |

| **Term 4 53 - 71 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • Students should consult with an academic adviser to determine a journalism path and appropriate course selections for JMC Advanced Skill courses. |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| JMC 345: Videography | 3 | C | |
| JMC 366: Journalism Ethics and Diversity | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent).<br>AND<br>Global Awareness (G) | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| **Term 5 71 - 87 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 330: Television Reporting | 3 | C | • GPH 409 is offered once every two years--during the Fall semester of odd-numbered years (so it may be a Term 7 course)<br>• GPH 314 meets the upper division science and society requirement<br>• Explore an internship |
| GPH 212: Introduction to Meteorology (SQ) | 3 | C | |
| GPH 314: Global Change (HU & G) | 3 | | |
| GPH 409: Synoptic Meteorology I | 4 | C | |
| JMC 402: Mass Communication Law | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 6 87 - 103 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 484: Internship | 3 | Y | |

| | | | |
|---|---|---|---|
| | GPH 213: Climate and Weather (SG) OR Science and Society Elective | 3 | C |
| | GPH 410: Synoptic Meteorology II | 4 | C |
| | GPH 412: Physical Meteorology | 3 | C |
| | Upper Division JMC Advanced Skills Course | 3 | C |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| ★ | Minimum 2.50 GPA ASU Cumulative. | | |
| | Term hours subtotal: | 16 | |

- GPH 410 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course)
- GPH 412 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course)
- Advanced Skills Course should be selected in consultation with your academic advisor
- The Science and Society course list is found here.

| Term 7 103 - 121 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JMC 478: Cronkite News: Phoenix Bureau | 3 | C | • GPH 474 is offered once every two years--during the Fall semester of even-numbered years (so it may be a Term 5 course)<br>• Complete an in person or virtual practice interview |
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| GPH 474: Dynamic Meteorology I | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| SOC 101: Introductory Sociology (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | | |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| Term 8 121 - 139 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GPH 475: Dynamic Meteorology II | 3 | C | • GPH 475 is offered once every two years--during the Spring semester of odd-numbered years (so it may be a Term 6 course) |
| ★ JMC 473: The Business and Future of Journalism | 3 | C | |
| ★ JMC OR MCO Upper Division Elective | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| GIS 205: Geographic Information Science I (CS) | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

- 
  - Advanced Skills course should be selected in consultation with academic advisor.
  - All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Philosophy | U.S. History | Advanced Skills Courses |
|---|---|---|

HON 171: The Human Event (L or HU)

PHI 101: Introduction to Philosophy (HU)

PHI 103: Principles of Sound Reasoning (L or HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)

HST 334: African American History Since 1865 ((HU or SB) & C & H)

HST 337: American Indian History to 1900 ((HU or SB) & C & H)

HST 338: American Indian History since 1900 ((HU or SB) & C & H)

JMC 320: Newscast Producing

JMC 351: Photojournalism I

JMC 412: Opinion Writing

JMC 413: Advanced Editing

JMC 414: Digital Graphic Design

JMC 421: Advanced Digital Storytelling

JMC 430: Sports Marketing and Campaigns

JMC 434: Advanced Bilingual Reporting

JMC 437: Documentary Production

JMC 440: Magazine Writing

JMC 441: Narrative Writing and Reporting.

JMC 451: Photojournalism II

JMC 453: Reporting on Business and the Economy

JMC 455: Digital Media Entrepreneurship

JMC 457: Advanced Radio Reporting

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 470: Depth Reporting

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 480: Cronkite News: Phoenix Sports Bureau

JMC 481: Cronkite News: Los Angeles Sports Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 139
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Mass Communication and Media Studies, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location: Online, ASU Local@Los Angeles
CSMCMSTBA

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-ONL: The ASU Experience | 1 | | • ASU 101 or College specific equivalent First Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by ! | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ! MCO 120: Media and Society (SB) | 3 | C | • View ASU Online first-year student registration information here.<br>• Create a first draft resume |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by ! | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Historical Awareness (H) | 3 | | |
| ! Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MCO Elective | 3 | C | |

| | | | |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Develop your skills |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Mass Communication Elective | 3 | C | • Develop your professional online presence |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Mass Communication Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Mass Communication Elective | 3 | C | • Use Handshake to research employment opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Mass Communication Elective | 3 | C | |

| | | | |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | • Complete an in person or virtual practice interview |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Mass Communication Elective | 3 | C | • Gather professional references |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Mass Communication Elective | 3 | C | • Apply for full-time career opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Mass Communication Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Mass Communication Elective | 3 | C | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

Mass Communication Elective

MCO 302: Media Research Methods

MCO 307: The Digital Audience

- MCO 335: Social Media
- MCO 366: Media Ethics and Diversity
- MCO 403: Media Law
- MCO 418: History of Mass Communication (SB & H)
- MCO 425: Digital Media Literacy I
- MCO 426: Digital Media Literacy II
- MCO 427: Misinformation and Society
- MCO 428: Digital Media and Freedom of Expression in the 21st Century
- MCO 430: International Mass Communication (G)
- MCO 431: Media Entrepreneurship
- MCO 433: Social Media Campaigns, Engagement and Research
- MCO 434: Search Engine Research and Strategy
- MCO 438: Digital Audience Analysis
- MCO 450: Visual Communication (HU)
- MCO 456: Political Communication (SB)
- MCO 460: Race, Gender, and Media (C)
- MCO 465: Sports and Media
- MCO 470: Exploring the Business of Journalism
- MCO 473: Sex, Love, and Romance in the Mass Media (SB)
- MCO 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sports Journalism, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location: Downtown Phoenix campus
CSSPJBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 101: Grammar for Journalists | 1 | B- | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year and transfer students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students should take a placement exam. |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| Mathematics (MA) | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 201: News Reporting and Writing (L) | 3 | C | • Select your career interest area and play me3@ASU<br>• Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 306: Sports Multimedia Journalism | 3 | C | |
| Statistics Course AND Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 49 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 302: Sports Reporting | 3 | C | |
| JMC 367: Ethics and Diversity in Sports Journalism | 3 | C | |

| | | | |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | • Students interested in Public Relations should contact their academic adviser to review course recommendations.<br>• Courses you are taking now will impact your eligibility for certain Professional Programs. Please consult with your academic adviser to make sure you are on the right track to achieve your goal. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| **Term 4 49 - 65 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 313: Introduction to Editing OR JMC 346: Sports Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | • Students interested in JMC 481 Cronkite News - Los Angeles Sports Bureau should enroll in JMC 346.<br>• Related Area courses must be approved by an academic adviser.<br>• Explore careers and internship opportunities through Cronkite Career Services |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.<br>AND<br>Global Awareness (G) | 4 | C | |
| Complete JMC 306 AND JMC 367 course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 65 - 80 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 331: Television Sports Reporting OR JMC 430: Sports Marketing and Campaigns | 3 | C | • Sports Advanced Skills course should be selected in consultation with academic adviser.<br>• Students interested in JMC 481 Cronkite News - Los Angeles Sports Bureau should enroll in JMC 331.<br>• Related Area courses must be approved by an academic adviser.<br>• Complete an in person or virtual practice interview. |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| JMC 474: Advanced Issues in 21st-Century Sports and Media | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| **Term 6 80 - 96 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Advanced Skills Course | 3 | C | • Advanced Skills course should be selected in consultation with academic adviser.<br>• Related Area courses must be approved by an academic adviser.<br>• Thinking about graduate school? Consider registering for a grad school test prep course. |
| JMC 402: Mass Communication Law | 3 | C | |
| JMC 484: Internship | 3 | Y | |
| Related Area Course | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

| | | | |
|---|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Historical Awareness (H) AND Global Awareness (G) course(s). | | | |
| | Term hours subtotal: | 16 | |

| Term 7 96 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JMC 480: Cronkite News: Phoenix Sports Bureau OR JMC 481: Cronkite News: Los Angeles Sports Bureau | 3 | C | • Professional Programs require placement and can be completed in fall or spring. Consult with your academic adviser to review your eligibility for certain programs.<br>• Students interested in additional Professional Program credit can apply it toward their JMC or MCO Upper Division Elective. Consult with your academic adviser for more information.<br>• Related Area courses must be approved by an academic adviser. |
| JMC OR MCO Upper Division Elective | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| Related Area Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MCO Upper Division Elective ( MCO 420 OR MCO 465 recommended) | 3 | C | • Related Area courses must be approved by an academic adviser |
| JMC OR MCO Upper Division Elective | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- Advanced Skills course should be selected in consultation with academic advisor

Hide Course List(s)/Track Group(s)

| Statistics (CS) | Philosophy | U.S. History |
|---|---|---|
| ECN 221: Business Statistics (CS) | HON 171: The Human Event (L or HU) | HST 109: United States to 1865 ((HU or SB) & H) |
| JUS 302: Statistical Analysis for Justice Studies (CS) | PHI 101: Introduction to Philosophy (HU) | HST 314: American Cultural History Since 1865 ((HU or SB) & H) |
| PSY 230: Introduction to Statistics (CS) | PHI 103: Principles of Sound Reasoning (L or HU) | HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H) |
| SOC 390: Social Statistics I (CS) | PHI 105: Intro to Ethics (HU) | HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) |
| STP 226: Elements of Statistics (CS) | PHI 306: Applied Ethics (HU) | HST 334: African American History Since 1865 ((HU or SB) & C & H) |
| SWU 321: Statistics for Social Workers (CS) | | HST 337: American Indian History to 1900 ((HU or SB) & C & H) |
| | | HST 338: American Indian History since 1900 ((HU or SB) & C & H) |

| Advanced Skills Courses |
| --- |
| JMC 320: Newscast Producing |
| JMC 331: Television Sports Reporting |
| JMC 333: Advanced Bilingual Broadcast Reporting |
| JMC 352: Sports Photojournalism |
| JMC 413: Advanced Editing |
| JMC 414: Digital Graphic Design |
| JMC 415: Writing for Public Relations |
| JMC 421: Advanced Digital Storytelling |
| JMC 430: Sports Marketing and Campaigns |
| JMC 434: Advanced Bilingual Reporting |
| JMC 436: Public Relations Research |
| JMC 437: Documentary Production |
| JMC 440: Magazine Writing |
| JMC 441: Narrative Writing and Reporting. |
| JMC 451: Photojournalism II |
| JMC 455: Digital Media Entrepreneurship |
| JMC 457: Advanced Radio Reporting |
| JMC 460: Advanced Online Media |
| JMC 465: Telling Stories with Data |
| JMC 470: Depth Reporting |
| JMC 477: New Media Innovation and Entrepreneurship Lab |
| JMC 478: Cronkite News: Los Angeles |
| JMC 478: Cronkite News: Phoenix Bureau |
| JMC 479: Cronkite News: Washington Bureau |
| JMC 480: Cronkite News: Phoenix Sports Bureau |
| JMC 481: Cronkite News: Los Angeles Sports Bureau |
| JMC 485: Television Magazine |
| JMC 486: Digital Audiences Lab |
| JMC 487: Howard Center for Investigative Journalism |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Actuarial Science, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAACTBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | B | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• It is suggested that students complete both ECN 211 and 212 to satisfy the SB General Studies requirement as well as the VEE Requirement sequence for Economics by the Society of Actuaries (SOA), Casualty Actuarial Society (CAS), and Canadian Institute of Actuaries (CIA).<br>• Select your career interest area and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | B | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) ( ECN 211 recommended) | 3 | | |
| Maintain 3.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACT 201: Introduction to Elements and Techniques of Actuarial Science | 3 | B | • Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation.<br>• It is suggested that students complete both ECN 211 and 212 to satisfy the SB General Studies requirement as well as the VEE Requirement sequence for Economics by the Society of Actuaries (SOA), Casualty Actuarial Society (CAS), and Canadian Institute of Actuaries (CIA).<br>• COM 225 is recommended to satisfy the Literacy and Critical Inquiry ("L") General Studies requirement.<br>• Join Gamma Iota Sigma Kappa chapter. |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | B | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Literacy and Critical Inquiry (L) ( COM 225 recommended) | 3 | | |
| Social-Behavioral Sciences (SB) ( ECN 212 recommended) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 3.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | B | • Meet with your academic advisor to discuss summer internship and Research Opportunities for Undergraduates (REU).<br>• Options for the Science and Society electives are found at this website. |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement. | | |
| Maintain 3.50 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 343: Applied Linear Algebra | 3 | B | • Meet with your academic advisor to discuss options for adding a minor, certificate or concurrent major to your degree program.<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.<br>• Students seeking VEE accreditation, select an elective from the course list in the note at the bottom of the major map. |
| MAT 300: Mathematical Structures (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Maintain 3.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACT 410: Mathematics of Finance | 4 | B | • Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| ACT 415: Probability for Risk Management | 3 | B | |
| MAT 371: Advanced Calculus I | 3 | C | |
| STP 420: Introductory Applied Statistics (CS) | 3 | B | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Maintain 3.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACT 301: Risk Management and Insurance (SB) | 3 | B | • Meet with a career counselor from ASU Career Services for a review of your resume and interviewing tips for success.<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.<br>• Options for the Science and Society electives are found at this website. |
| ACT 370: R and Excel for Actuaries | 3 | B | |
| STP 427: Mathematical Statistics | 3 | B | |
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 3.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ACT 430: Mathematics of Financial Derivatives | 4 | B | • Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.<br>• Develop your professional online presence.<br>• Students seeking VEE accreditation, select elective from the course list in the note at the bottom of the major map. |
| ACT 435: Statistics for Risk Modeling | 3 | B | |
| ACT 440: Long-Term Actuarial Mathematics I | 3 | C | |
| ACT 450: Actuarial Models and Modeling I | 3 | C | |
| Elective OR ACT 484: Internship | 3 | | |
| Maintain 3.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 8 107 - 120 Credit Hours Necessary course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ACT 420: Ratemaking and Reserving | 3 | B | • Meet with your academic advisor for final degree check and apply for graduation through your My ASU.<br>• Students seeking VEE Accreditation, select an elective from the course list in the note at the bottom of the major map. |
| ACT 441: Long-Term Actuarial Mathematics II | 3 | C | |
| ACT 451: Actuarial Models and Modeling II | 3 | C | |
| ACT 491: Actuarial Exam Preparation Seminar | 1 | Y | |
| Elective | 3 | | |
| Maintain 3.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 13 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The object of the degree is to prepare students to sit for exams to gain certification as an actuary. One of the optional certifications that individuals may pursue is completion of the VEE requirements from the Society of Actuaries or the Casualty Actuarial Society. This certification requires additional experience not covered in the maximum credits allowed for the degree.

  However, students may decide to include these additional courses in their 12 hours of elective credit. ASU courses that meet VEE requirements include:

  - STP 427 - requirement for Mathematical Statistics (Prerequisite(s): ACT 415 or STP 421 with C or better; STP 281 or 420 with C or better)
  - ECN 211 and ECN 212 - sequence requirement for Economics
  - FIN 300 - requirement for Fundamentals of Finance (Prerequisite(s) with C or better: ACC 231, 232 or 261; ECN 212; ECN 221, ECN 231, IEE 380 or STP 280; MAT 211, 266 or 271; Non-Business: min 2.50 GPA; min 56 hours; Pre- or corequisite(s): ACC 241, 242 or 271; Credit allowed for only FIN 300, 302 or 303)

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## African and African American Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAAFRBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR 200: Introduction to Africana Studies (SB & G & H) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Courses | 3 | C | • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR Elective | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| Elective | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR 300: Precolonial Africa (SB & G & H) | 3 | C | • Explore an internship |
| Upper Division Related Area Courses | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR 305: The Global History of the Trans-Atlantic Slave Trade (SB & H) | 3 | C | • Develop your professional online presence |
| AFR Upper Division Elective | 3 | C | |
| Upper Division Related Area Courses | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>AFR Upper Division Elective | 6 | C | |
| Upper Division Related Area Courses | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR 428: Critical Race Theory | 3 | C | • Gather professional references |
| Upper Division Related Area Courses | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective OR AFR 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR 498: Pro-Seminar (L) | 3 | C | |
| AFR Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* | | | |

| | |
|---|---|
| Elective | 6 |
| Term hours subtotal: | 15 |

- African Studies and Related Area Courses: To see a complete list of available courses schedule an appointment with an advisor in the School of Social Transformation. The following is a sample of the courses that will qualify for these areas.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|---|
| AFR 202: Immigration and Ethnic Relations in the U.S. (SB & C) |
| AFR 210: Introduction to African American Studies (C) |
| AFR 215: Bob Marley and Reggae: Lyrics of Resistance (HU & G) |
| AFR 300: Precolonial Africa (SB & G & H) |
| AFR 304: Islands of Globalization: Caribbean Politics and Political Economy (SB & G & H) |
| AFR 330: Survey of African American Politics (SB & H) |
| AFR 335: Historical Studies in Race, Crime, and the Law |
| AFR 336: African Art (HU & G) |
| AFR 350: Inequality and Diversity in Education (L & C) |
| AFR 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| AFR 364: African American History Since 1865 ((HU or SB) & C & H) |
| AFR 365: Unruly Voices: Black Women and Cultural Narratives (HU & C) |
| AFR 370: Family Ethnic and Cultural Diversity (SB & C) |
| AFR 372: Islam and Islamic Societies in Africa: Social and Political History (G) |
| AFR 375: Race, Gender and Sport (SB & C) |
| AFR 383: Blacks in Science, Medicine and Public Health |
| AFR 420: Race Ethnicity and Politics in the African Diaspora (SB & G) |
| AFR 428: Critical Race Theory |

AFR 465: Harlem Renaissance: a Cultural History: 1877-1945

AFR 470: Women's International Human Rights

AFR 480: Different Voices Within Contemporary Islamic Discourse

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## African and African American Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAAFRBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| AFR 200: Introduction to Africana Studies (SB & G & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here.<br>• Activate your Handshake account and build our your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 23 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Courses | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| AFR Elective | 3 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Term hours subtotal: | 7 | |

| Term 3 - B 37 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 8 | | |

| Term 4 - A 45 - 54 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR 300: Precolonial Africa (SB & G & H) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 54 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Courses | 3 | C | • Explore an internship. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 60 - 67 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR 305: The Global History of the Trans-Atlantic Slave Trade (SB & H) | 3 | C | • Develop your professional online presence |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 67 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR Upper Division Elective | 3 | C | |
| Upper Division Related Area Courses | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 8 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>AFR Upper Division Elective | 6 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| Upper Division Related Area Courses | 3 | C |
| Elective | 3 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR 428: Critical Race Theory | 3 | C | • Gather professional references. |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Courses | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR 498: Pro-Seminar (L) | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- African Studies and Related Area Courses: To see a complete list of available courses schedule an appointment with an advisor in the School of Social Transformation. The following is a sample of the courses that will qualify for these areas.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|---|
| AFR 210: Introduction to African American Studies (C) |
| AFR 336: African Art (HU & G) |
| AFR 350: Inequality and Diversity in Education (L & C) |
| AFR 370: Family Ethnic and Cultural Diversity (SB & C) |
| AFR 375: Race, Gender and Sport (SB & C) |
| AFR 465: Harlem Renaissance: a Cultural History: 1877-1945 |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## American Indian Studies, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAAISBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AIS 180: Introduction to American Indian Studies (C) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest and play me3@ASU |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AIS 280: American Indian Sovereignty and the Courts (H & C) | 3 | C | • Students are encouraged to consult with their academic advisor regarding the possibility of using elective hours toward completion of a certificate, minor or concurrent major that may complement the BS in American Indian Studies.<br>• Join a student club or professional organization |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AIS Emphasis Area Course | 3 | C | • Students are encouraged to take AIS 294: Readings and Writings in American Indian Studies as a prerequisite to success in upper-division courses in the major.<br>• Students should choose 18 hours in one of two emphasis areas shown in the track groups below. At least 12 hours must be taken at the upper-division level. Other courses in the AIS prefix may be used toward the emphasis area with prior approval of the academic advisor. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AIS 285: Federal Indian Policy (H & C) | 3 | C | • Create a first draft resume. |
| AIS Emphasis Area Course | 3 | C | |
| Science and Society Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AIS 380: Contemporary Issues of American Indian Nations (C) | 3 | C | • AIS 380 is offered in Fall semesters only<br>• Gather professional references. |
| Upper Division AIS Emphasis Area Course | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AIS 370: American Indian Languages and Cultures (C) | 3 | C | • AIS 370 is offered in Spring semesters only<br>• Develop your professional online presence |
| JUS 302: Statistical Analysis for Justice Studies (CS) | 3 | C | |
| Upper Division AIS Emphasis Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AIS 420: American Indian Studies Research Methods (L) | 3 | C | • For the Upper Divsion Emphasis Area Course: AIS 484 Internship is strongly recommended in either term 7 or 8.<br>• Research employment opportunities<br>• AIS 420 is offered in Fall semesters only |
| Upper Division AIS Emphasis Area Course | 3 | C | |
| Upper Division Elective OR AIS 484: Internship | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AIS 498: Pro-Seminar (L) | 3 | C | • For the Upper Division Emphasis Area Course: AIS 484 Internship is strongly recommended in either term 7 or 8.<br>• AIS 498 is offered Spring semesters only. |
| Upper Division AIS Emphasis Area Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- Students must choose 18 credit hours in one of two emphasis areas shown in the track groups below. At least 12 credit hours must be taken at the upper-division level. Other courses in the AIS prefix may be used toward the emphasis area with prior approval of the academic advisor.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Legal Policy, Community and Economic Development Emphasis Area |
|---|
| AIS 360: Issues in Urban Indian Country (C) |
| AIS 455: Human Rights and Cultural Resource Laws |
| AIS 470: Tribal Governance |
| AIS 480: Actualizing Decolonization (HU & C & G) |
| AIS 484: Internship |
| AIS 494: American Indian Rights |
| AIS 494: Crime in Indian Country |
| AIS 494: Indigenous Media and Image-Making |
| AIS 499: Individualized Instruction |

| Arts, Languages and Cultures Emphasis Area |
|---|
| AIS 101: Beginning Navajo I |
| AIS 102: Beginning Navajo II |
| AIS 320: American Indian Philosophies and World Views (HU & C) |
| AIS 360: Issues in Urban Indian Country (C) |
| AIS 381: American Indian Women (C) |
| AIS 394: American Indian & Indigenous Film |
| AIS 201: Intermediate Navajo I |
| AIS 202: Intermediate Navajo II |
| AIS 394: Reservation Economic Development |
| AIS 440: Cultural Professionalism (C) |
| AIS 480: Actualizing Decolonization (HU & C & G) |
| AIS 484: Internship |
| ENG 359: Indigenous American Literature ((L or HU) & C) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## American Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAAMRSTBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| APA 210: Introduction to Ethnic Studies in the U.S. (C) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMS 201: Introduction to American Studies (L & C) | 3 | C | • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Politics, Policies, and Social Movements Course | 3 | C | • Explore an internship. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:*<br>Elective | 5 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AFR 428: Critical Race Theory OR AMS 380: Race, Gender, and Class (SB & C) OR APA 352: Borders, Prisons and Suburbs (SB & C) OR TCL 303: Transborder Theory (SB) | 3 | C | • Develop your professional online presence. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SST 301: Mixed Research Methods for American Communities | 3 | C | |
| Upper Division U.S. Arts, Media, and Culture Course | 3 | C | |
| Diversity, Inequality, and Social Justice Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AMS 498: Pro-Seminar (L) OR APA 493: Honors Thesis (L) OR SST 484: Internship OR SST 499: Individualized Instruction | 3 | C | • Gather professional references. |
| Upper Division Politics, Policies, and Social Movements Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Diversity, Inequality, and Social Justice Course | 3 | C | |
| Upper Division U.S. Arts, Media, and Culture Course | 3 | C | |

| | |
|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 |
| Term hours subtotal: | 15 |

Hide Course List(s)/Track Group(s)

| U.S. Arts, Media, and Culture Courses |
|---|
| AFR 351: Gender and Hip Hop |
| AMS 326: Popular Culture |
| AMS 336: The American Southwest in Literature and Film ((L or HU) & C) |
| AMS 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| AMS 420: Theatre in America (HU) |
| APA 310: Asian Pacific American Arts and Cultures (HU & C) |
| APA 315: Asian Pacific American Literature (HU & C) |
| APA 340: Asian Pacific Americans and Media (HU & C) |
| APA 345: Asian Pacific Americans and Film (HU & C & H) |
| TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| TCL 471: Latinos In Hollywood (HU & C) |

| Politics, Policies, and Social Movements Courses |
|---|
| AFR 302: History of Black Women in America (SB & H) |
| AFR 330: Survey of African American Politics (SB & H) |
| AFR 365: Unruly Voices: Black Women and Cultural Narratives (HU & C) |
| AFR 465: Harlem Renaissance: a Cultural History: 1877-1945 |
| AIS 280: American Indian Sovereignty and the Courts (H & C) |
| AIS 285: Federal Indian Policy (H & C) |
| AMS 276: U.S. Women's Movements (H & C) |
| AMS 330: American Lives (HU & C) |
| AMS 412: Studies in American Politics and Law (H) |
| AMS 417: Religious Traditions of the American Southwest |
| AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) |
| JUS 235: Disability, Justice and Advocacy (C) |
| SST 294: Introduction to LGBTQ History and Culture |
| TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) |
| TCL 377: Arizona, Immigration, Latinos and Politics |
| WST 377: History of American Feminist Thought (H & C) |

| Diversity, Inequality, and Social Justice Courses |
|---|
| AFR 317: Genes, Race and Society (SB & H & C) |
| AFR 460: Race, Gender, and Media (C) |
| AIS 180: Introduction to American Indian Studies (C) |
| AIS 360: Issues in Urban Indian Country (C) |
| AMS 332: Studies in Race and Ethnicity |
| AMS 334: Class in America (SB) |
| AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) |
| AMS 450: Latina/os, Schooling and Social Inequality (C) |
| APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C) |
| APA 350: Inequality and Diversity in Education (L & C) |
| APA 360: Asian Pacific American Experience ((HU or SB) & C) |
| APA 450: Asian Pacific American Contemporary Issues (SB & C) |
| JUS 437: The Social Construction of Disability and Justice |
| WST 413: Queer Studies (HU & C) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Anthropology, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAASBBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 3-4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students must take ASB 102 and ASM 104. They will choose either ASB 222 or ASB 223.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest area and play me3@ASU.<br>• Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 3-4 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16-17 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 4-3 | C | • Secure a part-time job or volunteer experience.<br>• Develop your skills. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-13 | | |

| **Term 4** 44 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 394: Statistics for Social Scientists OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR ASM 494: Bayesian Statistics in Theory and Practice OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SOC 390: Social Statistics I (CS) | 3 | C | • Explore an internship. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 2 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| **Term 5** 59 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Sociocultural Course | 3 | C | • Field school opportunities (archaeological and physical) can count toward major degree requirements. Talk with your advisor about available opportunities.<br>• Develop your professional online presence. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| **Term 6** 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Anthropology Practicum | 3 | C | • Research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7** 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ Upper Division Physical/Evolutionary Anthropology Course | 3 | C | |
| ASB OR ASM Upper Division Elective | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Gather professional references.
- Apply for full-time career opportunities.

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ ASB OR ASM Upper Division Elective | 3 | C | |
| Upper Division Archaeology Course | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Anthropology Practicum | Archaeology Courses | Physical/Evolutionary Anthropology Courses |
|---|---|---|
| ASB 302: Ethnographic Field Study ((L or SB) & G) | ASB 301: Global History of Health (SB & G & H) | ASB 301: Global History of Health (SB & G & H) |
| ASB 389: Ethnographic Field Lab | ASB 326: Human Impacts on Ancient Environments (SB & H) | ASB 368: Hunter-Gatherers (SB) |
| ASB 395: Research Methods (SB & G) | ASB 330: Understanding Archaeology (SB) | ASB 394: Modeling Simulation Neglected Tropical Diseases |
| ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) | ASB 333: Frauds, Myths and Mysteries ((HU or SB) & G) | ASB 408: Advanced Evolutionary Medicine |
| ASB 452: Community Partnerships for Global Health (SB) | ASB 335: Ancient Ruins of the Southwest (SB & H & C) | ASB 494: Applied Epidemiology |
| ASB 455: Practicum for Social Sciences (SB) | ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H) | ASB 494: Reproductive Ecology |
| ASB 484: Internship | ASB 361: Human Cultural Beginnings (H) | ASM 301: Peopling of the World (SB) |
| ASB 494: Access, Equity and Inclusion in Higher Education | ASB 362: People and Plants | ASM 313: Great Adaptations |
| ASB 499: Individualized Instruction | ASB 366: African Archaeology: Precolonial Urban Culture (SB & H) | ASM 332: Life and Death in Ancient Egypt |
| ASM 338: Anthropological Field Session | ASB 368: Hunter-Gatherers (SB) | ASM 338: Bioarchaeology and the Human Skeleton |
| ASM 338: Bioarchaeology and the Human Skeleton | ASB 490: Earliest Cities (SB & H) | ASM 341: Human Osteology |
| ASM 338: Field Archaeology & Geophysical Testing | ASM 338: Bioarchaeology and the Human Skeleton | ASM 342: Evolution of Human Behavior or BIO 327: Evolution of Human Behavior |
| ASM 341: Human Osteology | ASM 338: Field Archaeology & Geophysical Testing | ASM 344: Fossil Hominids |
| ASM 344: Fossil Hominids | ASM 350: Geoarchaeology | ASM 345: Disease and Human Evolution |
| ASM 365: Doing Archaeology | ASM 365: Doing Archaeology | ASM 394: Evolution and Medicine Visiting Speaker Recitation |
| ASM 414: Environmental Health (SB) | ASM 450: Bioarchaeology (SB & G) | ASM 401: Health and Human Biology |
| ASM 443: Primatology | | ASM 403: Evolutionary Medicine and Global Health |

ASM 452: Dental Anthropology (SG)

ASM 443: Primatology

ASM 446: Principles of Human Genetics (L)

ASM 450: Bioarchaeology (SB & G)

ASM 452: Dental Anthropology (SG)

ASM 456: Infectious Disease and Human Evolution

ASM 459: Forensic Anthropology

ASM 460: Human Growth and Development: An Evolutionary Perspective

ASM 465: Quantification and Analysis for Anthropologists (CS)

ASM 494: Bayesian Statistics in Theory and Practice

ASM 494: Evolution and Mental Disorders

ASM 494: Evolution of Technology

ASM 494: Models in Social Evolution

ASM 494: Social Complexity

Sociocultural Courses

ASB 300: Food and Culture ((L or SB) & C)

ASB 302: Ethnographic Field Study ((L or SB) & G)

ASB 305: Poverty and Global Health ((L or SB) & G)

ASB 310: Precolonial Africa (SB & G & H)

ASB 311: Principles of Social Anthropology (SB & G & H)

ASB 316: Money and Culture (L or SB)

ASB 319: The North American Indian

ASB 322: Peoples of Latin America ((L or SB) & G)

ASB 325: Peoples of Southeast Asia (G)

ASB 327: Disaster! ((L or SB) & C)

ASB 336: African Art (HU & G)

ASB 339: Grassroots Social Movements (SB)

ASB 340: Migration and Culture (SB & G)

ASB 342: Mexico-U.S. Borderlands (SB & C)

ASB 343: Latinas/os and the Environment

ASB 344: Technology and Society (L or SB)

ASB 345: Culture and Society Transformation

- ASB 346: Marriage and Family Diversity (SB & C)
- ASB 348: The Borders of Language (L)
- ASB 350: Anthropology and Art (HU)
- ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
- ASB 355: Traditional Medicine and Healing (HU or SB)
- ASB 356: Central American Studies (SB & G)
- ASB 357: Society, Drugs and Health (SB & G)
- ASB 358: The Yoruba and the Atlantic World
- ASB 370: Ethics of Eating (L or SB)
- ASB 371: Language Hegemony and Culture
- ASB 374: Cultures and Politics of the Internet (SB)
- ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)
- ASB 376: Global Health Policy
- ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)
- ASB 380: Language, Culture and Gender (SB)
- ASB 389: Ethnographic Field Lab
- ASB 394: Statistics for Social Scientists
- ASB 395: Topics in Comparative Culture (SB & G)
- ASB 412: History of Anthropology (L or SB)
- ASB 421: Education and Society (SB)
- ASB 442: Global Cities (SB & G)
- ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)
- ASB 452: Community Partnerships for Global Health (SB)
- ASB 455: Practicum for Social Sciences (SB)
- ASB 457: Global Mental Health ((L or SB) & G)
- ASB 462: Medical Anthropology: Culture and Health (SB & C)
- ASB 463: Political Ecology of the Border (SB & G)
- ASB 464: The Ethnography of Mexico and the Borderlands (SB & G)

ASB 466: Peoples and Cultures of Africa (SB & G)

ASB 494: Ethnography of Schooling in the Borderlands

ASB 494: Facing Immigration

ASM 414: Environmental Health (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Anthropology, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAASBBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) | 3-4 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.<br>• Select your career interest area and play me3@ASU. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7-8 | | |

| Term 1 - B 7 - 12 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| Elective | 2 | | |
| Term hours subtotal: | 5 | | |

| Term 2 - A 12 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) | 3-4 | C | • ASU Language Placement: Only those students with no experience with the language are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned.<br>• Create a first draft resume. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7-8 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • Mathematics Placement Assessment score determines placement in mathematics course.<br>• Network in your career interest area. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 - A 26 - 34 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) | 4 | C | • Join a student club or professional organization. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 8 | | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 41 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 394: Statistics for Social Scientists OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | C | • Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.<br>• Secure a part-time job or volunteer experience. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 47 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 54 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Develop your skills. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Sociocultural Course | 3 | C | • Explore an internship. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 66 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Develop your professional online presence. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Anthropology Practicum | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 78 - 84 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Research employment opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Physical/Evolutionary Anthropology Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ASB OR ASM Upper Division Elective | 3 | C | • Complete an in person or virtual practice interview. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Archaeology Course | 3 | C | • Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ASB OR ASM Upper Division Elective | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

| Physical/Evolutionary Anthropology Courses |
| --- |
| ASB 301: Global History of Health (SB & G & H) |
| ASB 408: Advanced Evolutionary Medicine |
| ASM 301: Peopling of the World (SB) |
| ASM 345: Disease and Human Evolution |
| ASM 403: Evolutionary Medicine and Global Health |
| ASM 443: Primatology |
| ASM 450: Bioarchaeology (SB & G) |

| Anthropology Practicum |
| --- |
| ASB 395: Research Methods (SB & G) |
| ASB 452: Community Partnerships for Global Health (SB) |
| ASB 455: Practicum for Social Sciences (SB) |
| ASB 484: Internship |
| ASM 414: Environmental Health (SB) |
| ASM 443: Primatology |
| ASB 499: Individualized Instruction |

| Archaeology Courses |
| --- |
| ASB 301: Global History of Health (SB & G & H) |
| ASB 330: Understanding Archaeology (SB) |
| ASB 333: Frauds, Myths and Mysteries ((HU or SB) & G) |
| ASB 335: Ancient Ruins of the Southwest (SB & H & C) |
| ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H) |
| ASB 362: People and Plants |
| ASM 450: Bioarchaeology (SB & G) |

| Sociocultural Courses |
| --- |
| ASB 300: Food and Culture ((L or SB) & C) |
| ASB 305: Poverty and Global Health ((L or SB) & G) |
| ASB 316: Money and Culture (L or SB) |
| ASB 322: Peoples of Latin America ((L or SB) & G) |
| ASB 327: Disaster! ((L or SB) & C) |
| ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) |
| ASB 357: Society, Drugs and Health (SB & G) |
| ASB 370: Ethics of Eating (L or SB) or SOS 370: Ethics of Eating (L or SB) |
| ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) |
| ASB 380: Language, Culture and Gender (SB) |
| ASB 395: Topics in Comparative Culture (SB & G) |
| ASB 452: Community Partnerships for Global Health (SB) |
| ASB 455: Practicum for Social Sciences (SB) |
| ASB 462: Medical Anthropology: Culture and Health (SB & C) |
| ASM 414: Environmental Health (SB) |
| ASB 457: Global Mental Health ((L or SB) & G) |

**Notes:**

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  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

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**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Anthropology, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAASBBS

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 3-4 | C | • Students who do not test into MAT 251 must take the math course they do place into in the first term. Do not take MAT 142, as it is not a prerequisite to MAT 251.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students must take ASB 102 and ASM 104. They will choose between ASB 222 and ASB 223.<br>• Select your career interest area and play me3@ASU.<br>• Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 13-14 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 3-4 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16-17 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 4-3 | C | • Secure a part-time job or volunteer experience.<br>• Develop your skills. |

| | | |
|---|---|---|
| ASB OR ASM Elective | 3 | C |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| *Complete 2 courses:*<br>Elective | 6 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 16-15 | |

| **Term 4 45 - 61 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Science and Society Elective | 3 | C | • Explore an internship. |
| ASB OR ASM Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( ASM 275 recommended) | 4 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 61 - 76 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ASM 300: Anthropological Sciences Seminar | 3 | C | • Field school opportunities (archaeological or physical) can count toward major degree requirements. Talk to your advisor for available opportunities.<br>• Develop your professional online presence. |
| ASM Upper Division Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 76 - 91 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ASB 394: Statistics for Social Scientists OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR ASM 494: Bayesian Statistics in Theory and Practice OR BIO 415: Statistical Models for Biology (CS) OR SOC 390: Social Statistics I (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C | • Research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| ASB OR ASM Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 91 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ASM Upper Division Elective | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| ASB OR ASM Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR ASB 484: Internship | 3 | | |

| | | | |
|---|---|---|---|
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* ASM Upper Division Elective | 6 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Anthropology, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAASBBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 3-4 | C | • Students who do not test into MAT 251 must take the math course they do place into in the first term. Do not take MAT 142, as it is not a prerequisite to MAT 251.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students must take ASB 102 and ASM 104. They will choose between ASB 222 and ASB 223.<br>• Select your career interest area and play me3@ASU.<br>• Create a first draft resume. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7-8 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 4-3 | C | • View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7-6 | | |

| Term 2 - A 14 - 21 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 3-4 | C | • Build your professional connections -- join the ASU Mentor Network. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7-8 | | |

| Term 2 - B 21 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| MAT 251: Calculus for Life Sciences (MA) | 3 | C |
| Humanities, Arts and Design (HU) | 3 | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 6 | |

- Mathematics Placement Assessment score determines placement in mathematics course.
- Network in your career interest area.

| Term 3 - A 27 - 34 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB OR ASM Elective | 3 | C | • Join a student club or professional organization. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( ASM 275 recommended) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 34 - 40 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB OR ASM Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 40 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Science and Society Elective | 3 | C | • Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.<br>• Secure a part-time job or volunteer experience. |
| ASB OR ASM Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 46 - 52 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 52 - 58 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASM 300: Anthropological Sciences Seminar | 3 | C | • Field school opportunities (archaeological or physical) can count toward major degree requirements. Talk to your advisor for available opportunities.<br>• Develop your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 58 - 64 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 64 - 70 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ASB 394: Statistics for Social Scientists OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR ASM 494: Bayesian Statistics in Theory and Practice OR BIO 415: Statistical Models for Biology (CS) OR SOC 390: Social Statistics I (CS) OR STP 420: Introductory Applied Statistics (CS) | 3-4 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Elective | 3 | | |
| Term hours subtotal: | 6-7 | | |

| Term 6 - B 70 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB OR ASM Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 76 - 82 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ASM Upper Division Elective | 3 | C | • Research employment opportunities. |
| Upper Division Elective OR ASB 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 82 - 88 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ASM Upper Division Elective | 3 | C | • Complete an in person or virtual practice interview. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 94 - 100 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ASM Upper Division Elective | 3 | C | • Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 106 - 112 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 10 - A 112 - 118 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ASM Upper Division Elective | 3 | C | • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 118 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Elective | 2 | | |
| Term hours subtotal: | 2 | | |

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Hide Course List(s)/Track Group(s)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Mathematics for Life and Social Sciences, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAAMLBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AML 100: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Select your career interest area and play me3@ASU.<br>• Create a first draft resume. |
| BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS) | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Use the SB course in this term as a prerequisite for upper-division work in the Social Science track. Recommended courses are found in track list below.<br>• Build your professional connections -- join the ASU Mentor Network.<br>• Join a student club or professional organization. |
| BIO 182: General Biology II (SG) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Secure a part-time job or volunteer experience.<br>• Develop your skills. |
| Science and Society Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AML 253: Introduction to Mathematical Tools and Modeling for the Life and Social Sciences | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Use the SB course in this term to complete a prerequisite for upper-division work in the Social Science track. Recommended courses are found in the track list below.<br>• Explore an internship. |
| MAT 274: Elementary Differential Equations (MA) OR MAT 275: Modern Differential Equations (MA) | 3 | C | |
| STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Life Science course | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Develop your professional online presence. |
| Upper Division Social Science course | 3 | C | |
| STP 421: Probability | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | • Research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Upper Division Applied Mathematics course | 3 | C | |
| Upper Division Life Science course | 3 | C | |
| Upper Division Elective OR ASB 484: Internship | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Applied Mathematics course | 3 | C | • Gather professional references.<br>• Apply for full-time career opportunities. |
| Upper Division Social Science course | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AML 406: Directed Reading and Research in Applied Mathematics for the Life and Social Sciences | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Recommended SB courses |
|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) |
| CDE 232: Human Development (SB) |
| JUS 105: Introduction to Justice Studies (SB) |
| POS 110: American Government and Politics (SB) |
| PSY 101: Introduction to Psychology (SB) |
| SOC 101: Introductory Sociology (SB) |

| Upper Division Life Science |
|---|
| AML 394: From Cells to Societies or ASB 394: From Cells to Societies or SOS 394: From Cells to Societies |
| AML 394: Modeling Simulation Neglected Tropical Diseases |
| ASB 494: Applied Epidemiology |
| ASM 342: Evolution of Human Behavior or BIO 327: Evolution of Human Behavior |
| BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 321: Introductory Ecology Laboratory |
| BIO 415: Statistical Models for Biology (CS) |
| BMI 465: Introduction to Comparative Genomics |
| HCD 300: Biostatistics (CS) or PBH 300: Biostatistics (CS) |
| SOS 424: Dynamic Modeling in Social and Ecological Systems |

| Upper Division Social Science |
|---|
| ASB 316: Money and Culture (L or SB) |
| ASB 394: Statistics for Social Scientists |
| ASM 345: Disease and Human Evolution |
| ASM 465: Quantification and Analysis for Anthropologists (CS) |
| ASM 494: Bayesian Statistics in Theory and Practice |
| GCU 351: Population Geography (SB & G) |
| GIS 461: Fundamentals of Spatial Optimization or PUP 481: Fundamentals of Spatial Optimization |
| JUS 301: Research in Justice Studies (SB) |
| JUS 302: Statistical Analysis for Justice Studies (CS) |
| POS 301: Empirical Political Inquiry (SB) or SGS 305: Empirical Political Inquiry (SB) |
| POS 401: Political Statistics (CS) or SGS 401: Political Statistics (CS) |
| POS 485: Political Economy (SB) |
| SOC 331: Environmental Sociology (SB & G) |
| SOC 390: Social Statistics I (CS) |
| SOC 391: Research Methods (L or SB) |
| SOC 448: Epidemics and Society (SB & G) |

| Upper Division Applied Mathematics |
|---|

AML 441: Mathematical Concepts and Tools in Sustainability or SOS 441: Mathematical Concepts and Tools in Sustainability

AML 494: Modeling with Game Theory

MAT 300: Mathematical Structures (L)

MAT 343: Applied Linear Algebra

MAT 355: Introduction to Computational Molecular Biology (CS) or BIO 355: Introduction to Computational Molecular Biology (CS)

MAT 371: Advanced Calculus I

MAT 394: Forensic DNA Analysis

MAT 421: Applied Computational Methods (CS)

MAT 451: Mathematical Modeling (CS)

MAT 494: Big Data and Mathematical Modelling

MAT 494: Data Analysis in Neuroscience

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Asia Studies (East Asia), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAHSTEABA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 111: Introduction to Asia (HU & H & G) OR REL 111: Introduction to Asia (HU & H & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.<br>• Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent). | 5 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Across Asia Course | 3 | C | • Except for courses marked "critical" or "necessary," the sequence of required and elective courses will vary with each student according to individual choices and the schedule of classes.<br>• Join a student club or professional organization.<br>• If interested in law school, review the Pre-Law at ASU website. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent). | 5 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Outside East Asia Course | 3 | C | • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.<br>• Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.<br>• Explore opportunities to study abroad. |
| Second Language: Requirement satisfied through the following:<br>* Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent). | 5 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| East Asia Concentration Course | 3 | C | • See East Asia Concentration lists below. Students must complete 15 hours of coursework in one concentration (China, Japan or Korea).<br>• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• If interested in law school, make an appointment with the pre-law advisor. |
| Across Asia Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent). | 5 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division East Asia Concentration Course | 3 | C | • For the East Asia Electives, students may choose courses from the East Asia Electives list, additional courses from the chosen concentration, and/or courses from the other two concentrations.<br>• Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. |
| Outside East Asia Course | 3 | C | |
| Upper Division East Asia Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division East Asia Concentration Course | 3 | C | • Explore graduate school opportunities.<br>• If planning on law school, prepare to take the LSAT.<br>• Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. |
| Upper Division East Asia Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR HST 484: Internship | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division East Asia Concentration Course | 3 | C | • Use Handshake to research employment opportunities.<br>• Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| Upper Division Outside East Asia Course | 3 | C | |
| East Asia Elective | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| HST 496: South, Southeast, and East Asia in the Global Matrix | 3 | C |
| Upper Division East Asia Concentration Course | 3 | C |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | |
| Term hours subtotal: | 15 | |

- HST 496 is the required capstone course for the major and is only offered in spring terms.
- Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
- Apply for career opportunities.

- Students must choose an East Asia Concentration of China, Japan or Korea. Please refer to the appropriate list below.
- For the East Asia Electives requirement, in addition to the courses shown in the East Asia Electives list, students may choose more courses from the concentration list or the areas not chosen as concentration (e.g., students completing the Chinese concentration may use courses from the Japanese list, Korean list and/or additional courses from the Chinese list as East Asia electives).

Hide Course List(s)/Track Group(s)

| Across Asia |
|---|
| ARS 201: Art of Asia (HU & H & G) |
| GCU 326: Geography of Asia (SB & G) |
| HST 106: Asian Civilizations ((HU or SB) & G & H) |
| HST 303: ASIA: Women in Asia |
| HST 303: Cold War Asia |
| HST 303: Democracy in Asia |
| HST 303: Empires in Asia |
| HST 303: Film and Politics in Colonial Asia |
| HST 303: WWII in Asia: Cultures of War |
| POS 468: Comparative Asian Foreign Policies (SB & G) |
| REL 345: Asian Religious Traditions (HU & G) |
| REL 350: Hinduism ((L or HU) & G) |
| REL 351: Buddhism ((L or HU) & G) |

| East Asia Concentration - China |
|---|
| ARS 472: Art of China (HU) |
| ARS 475: Chinese Painting (HU) |
| CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU) |
| CHI 307: Introduction to Literary Chinese I (HU) |
| CHI 308: Classical Chinese II (HU) |
| CHI 321: Chinese Literature (HU) |
| CHI 322: Chinese Literature (HU & G) |
| CHI 345: Chinese Film and Civilization |
| CHI 348: Pathways into Chinese Culture |
| CHI 470: Modern Chinese Literature and Culture |
| GCU 432: Geography of China (SB & G) |
| HST 303: The Family in Modern China |
| HST 303: History of Modern China: From Taiping to Tiananmen |
| HST 303: Modern China: Personal Narratives and Histories |
| HST 303: Modern China: Violence |
| HST 383: China (SB & H) or CHI 333: China (SB & H) or SLC 333: China (SB & H) |
| HST 384: Modern China: 1700 to the Present (SB & G & H) or SLC 334: Modern China: 1700 to the Present (SB & G & H) |

| East Asia Concentration - Japan |
|---|
| ARS 473: Art of Japan (HU) |
| HST 108: Introduction to Japan (SB & G & H) |
| HST 303: WWII in Asia: Cultures of War |
| HST 387: Japan ((L or SB) & H) |
| HST 388: Japan (SB & G & H) |
| HST 389: Japan Society and Values/Premod |
| JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G) |
| JPN 315: The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis (G) |
| JPN 316: The Language of Japanese Popular Culture II: Honorifics and Dialects (G) |
| JPN 333: Japanese Civilization from the Ice Age to Last Thursday |
| JPN 401: Reading Modern Japanese Texts I ((L or HU) & G) |
| JPN 414: Introduction to Classical Japanese |
| JPN 415: Advanced Classical Japanese |
| JPN 445: Readings in Modern Japanese Letters and Culture |
| JPN 485: Japanese Literature and the Art of Translation |
| REL 344: Religion and Values in Japanese Life (HU & G) |

HST 385: History of Chinese Medicine (HU & H & G)

HST 386: Interpreting China's Classics ((L or HU) & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H)

HST 451: Chinese Cultural History I ((HU or SB) & H) or CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

HST 452: Chinese Cultural History II (SB & G & H) or CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

POS 452: China (SB & G)

REL 338: Daode Jing: Way to the West (L or HU) or CHI 338: Daode Jing: Way to the West (L or HU)

REL 343: Daoism ((L or HU) & G & H) or CHI 343: Daoism ((L or HU) & G & H)

REL 346: Chinese Religions or CHI 346: Chinese Religions

REL 355: Japanese Cities and Cultures to 1800 (HU)

SLC 421: Japanese Literature in Translation ((L or HU) & G)

East Asia Concentration - Korea

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 375: Intercultural Communication in Korea or SLC 375: Intercultural Communication in Korea

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

REL 354: Religions of Korea (HU) or KOR 354: Religions of Korea (HU)

East Asia Electives

HST 303: China,Japan & East Asia in World History

REL 352: Modern Buddhism

Students may also choose any courses from the China, Japan and Korea concentration lists. These courses must be separate from those taken to fulfill the concentration requirement.

Outside East Asia

ARS 444: Films of India or FMS 426: Films of India

ASB 325: Peoples of Southeast Asia (G)

DCE 114: Dances of India I

GCU 433: Geography of Southeast Asia

HST 240: Introduction to Southeast Asia ((HU or SB) & G) or GCU 240: Introduction to Southeast Asia ((HU or SB) & G) or POS 240: Introduction to Southeast Asia ((HU or SB) & G) or REL 240: Introduction to Southeast Asia ((HU or SB) & G) or SGS 240: Introduction to Southeast Asia ((HU or SB) & G)

HST 245: Introduction to India and South Asia (HU & H & G) or POS 245: Introduction to India and South Asia (HU & H & G) or REL 245: Introduction to India and South Asia (HU & H & G) or SGS 245: Introduction to India and South Asia (HU & H & G) or SLC 245: Introduction to India and South Asia (HU & H & G)

HST 302: Envisioning Peace

HST 302: Women, War and Peace

HST 391: Modern Southeast Asia (SB & G & H) or SGS 381: Modern Southeast Asia (SB & G & H)

HST 392: Modern India

HST 456: The Vietnam War (SB & G & H)

HST 459: Gandhi and the Politics of Nonviolence

MUP 489: Gamelan

POS 357: South Asia Politics (SB & G)

POS 358: Southeast Asia (SB & G)

REL 347: Religions of India: Peace and Conflict ((L or HU) & G)

REL 348: Religion and Culture in Southeast Asia

REL 350: Hinduism ((L or HU) & G)

REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G)

REL 364: Islam in Eurasia and Central Asia

REL 365: Islamic Civilization (HU & H) or HST 336: Islamic Civilization (HU & H)

REL 366: Islam in the Modern World (HU & G) or HST 339: Islam in the Modern World (HU & G)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

**Total College Residency Hrs:** 12 minimum

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Asia Studies (South Asia), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAHSTSABA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 111: Introduction to Asia (HU & H & G) OR REL 111: Introduction to Asia (HU & H & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to ensure the course level is appropriate. Students who are already proficient in a second language may take a proficiency exam.<br>• Depending on the language chosen, students may need to take more or less elective hours to meet the minimum 120 hours needed for graduation.<br>• Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent). | 4-5 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Except for courses marked "critical" or "necessary," the sequence of required and elective courses will vary with each student according to individual choices and the schedule of classes.<br>• Join a student club or professional organization.<br>• If interested in law school, review the Pre-Law at ASU website. |
| Across Asia course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent). | 4-5 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14-15 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| South Asia Concentration Course (HST/POS/REL/SGS/SLC 245: Introduction to India and South Asia (recommended)) | 3 | C | • It is highly suggested students enroll in HST/POS/REL/SGS/SLC 245, if offered.<br>• Some General Studies requirements can overlap with major courses, leaving more |

| | | | |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent). | 4-5 | C | room for electives. Consult an academic advisor to select the best courses for your personal plan of study.<br>• Explore opportunities to study abroad. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16-17 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Outside South Asia course | 3 | C | • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• If interested in law school, make an appointment with the pre-law advisor. |
| Across Asia course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent). | 4-5 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 14-15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division South Asia Concentration course | 3 | C | • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.<br>• Depending on the Second Language chosen, students may need to take more or less elective hours to meet the minimum 120 hours needed for graduation.<br>• Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. |
| Outside South Asia course | 3 | C | |
| Upper Division South Asia Elective course | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective OR HST 484: Internship | 3-1 | | |
| Term hours subtotal: | 15-13 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division South Asia Concentration course | 3 | C | • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.<br>• Explore graduate school opportunities.<br>• If planning on law school, prepare to take the LSAT. |
| South Asia Elective course | 3 | C | |
| Upper Division South Asia Elective course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division South Asia Concentration course | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Outside South Asia course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

| | | |
|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| Term hours subtotal: | 15 | |

- Attend career fairs, workshops and related events offered by Career and Professional Development Services.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HST 496: South, Southeast, and East Asia in the Global Matrix | 3 | C | |
| ★ Upper Division South Asia Concentration course | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- HST 496 is the required capstone course for the major and is only offered in spring terms.
- Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
- Apply for career opportunities.

- For the South Asia Electives requirement, in addition to the courses shown in the South Asia Electives list, students may take any courses in the South Asia Concentration list that were not used to fulfill the concentration.

Hide Course List(s)/Track Group(s)

| Across Asia Courses |
|---|
| ARS 201: Art of Asia (HU & H & G) |
| GCU 326: Geography of Asia (SB & G) |
| HST 106: Asian Civilizations ((HU or SB) & G & H) |
| HST 303: ASIA: Women in Asia |
| HST 303: Cold War Asia |
| HST 303: Democracy in Asia |
| HST 303: Empires in Asia |
| HST 303: Film and Politics in Colonial Asia |
| HST 303: WWII in Asia: Cultures of War |
| POS 468: Comparative Asian Foreign Policies (SB & G) |
| REL 345: Asian Religious Traditions (HU & G) |
| REL 351: Buddhism ((L or HU) & G) |

| South Asia Concentration |
|---|
| ARS 444: Films of India or FMS 426: Films of India |
| HST 245: Introduction to India and South Asia (HU & H & G) or POS 245: Introduction to India and South Asia (HU & H & G) or REL 245: Introduction to India and South Asia (HU & H & G) or SGS 245: Introduction to India and South Asia (HU & H & G) or SLC 245: Introduction to India and South Asia (HU & H & G) |
| HST 392: Modern India |
| HST 459: Gandhi and the Politics of Nonviolence |
| POS 357: South Asia Politics (SB & G) |
| REL 347: Religions of India: Peace and Conflict ((L or HU) & G) |
| REL 350: Hinduism ((L or HU) & G) |

| South Asia Electives |
|---|
| DCE 114: Dances of India I |
| HST 302: Envisioning Peace |
| HST 302: Women, War and Peace |
| POS 468: Comparative Asian Foreign Policies (SB & G) |
| REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G) |
| REL 365: Islamic Civilization (HU & H) or HST 336: Islamic Civilization (HU & H) |
| REL 366: Islam in the Modern World (HU & G) or HST 339: Islam in the Modern World (HU & G) |

| Outside South Asia |
|---|
| ARS 472: Art of China (HU) |
| ARS 473: Art of Japan (HU) |
| ARS 475: Chinese Painting (HU) |
| ASB 325: Peoples of Southeast Asia (G) |

| Outside South Asia Continued |
|---|
| JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G) |
| JPN 333: Japanese Civilization from the Ice Age to Last Thursday |
| KOR 250: Korean Culture and Society (HU & G) |

CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)

CHI 205: Chinese Calligraphy

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

GCU 432: Geography of China (SB & G)

GCU 433: Geography of Southeast Asia

HST 108: Introduction to Japan (SB & G & H)

HST 240: Introduction to Southeast Asia ((HU or SB) & G) or GCU 240: Introduction to Southeast Asia ((HU or SB) & G) or POS 240: Introduction to Southeast Asia ((HU or SB) & G) or REL 240: Introduction to Southeast Asia ((HU or SB) & G) or SGS 240: Introduction to Southeast Asia ((HU or SB) & G)

HST 303: China,Japan & East Asia in World History

HST 303: The Family in Modern China

HST 303: History of Modern China: From Taiping to Tiananmen

HST 303: Modern China: Personal Narratives and Histories

HST 303: Modern China: Violence

HST 383: China (SB & H) or CHI 333: China (SB & H) or SLC 333: China (SB & H)

HST 384: Modern China: 1700 to the Present (SB & G & H) or SLC 334: Modern China: 1700 to the Present (SB & G & H)

HST 385: History of Chinese Medicine (HU & H & G)

HST 386: Interpreting China's Classics ((L or HU) & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H)

HST 387: Japan ((L or SB) & H)

HST 388: Japan (SB & G & H)

HST 389: Japan Society and Values/Premod

HST 391: Modern Southeast Asia (SB & G & H) or SGS 381: Modern Southeast Asia (SB & G & H)

HST 451: Chinese Cultural History I ((HU or SB) & H) or CHI 451: Chinese Cultural

KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 375: Intercultural Communication in Korea or SLC 375: Intercultural Communication in Korea

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

MUP 489: Gamelan

POS 358: Southeast Asia (SB & G)

POS 452: China (SB & G)

REL 338: Daode Jing: Way to the West (L or HU) or CHI 338: Daode Jing: Way to the West (L or HU)

REL 343: Daoism ((L or HU) & G & H) or CHI 343: Daoism ((L or HU) & G & H)

REL 344: Religion and Values in Japanese Life (HU & G)

REL 346: Chinese Religions or CHI 346: Chinese Religions

REL 348: Religion and Culture in Southeast Asia

REL 352: Modern Buddhism

REL 354: Religions of Korea (HU) or KOR 354: Religions of Korea (HU)

REL 355: Japanese Cities and Cultures to 1800 (HU)

REL 364: Islam in Eurasia and Central Asia

SLC 421: Japanese Literature in Translation ((L or HU) & G)

History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

HST 452: Chinese Cultural History II (SB & G & H) or CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

HST 456: The Vietnam War (SB & G & H)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Asia Studies (Southeast Asia), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAHSTSEABA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 111: Introduction to Asia (HU & H & G) OR REL 111: Introduction to Asia (HU & H & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to ensure the course level is appropriate. Students who are already proficient in a second language may take a proficiency exam.<br>• Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Southeast Asian language course(s) (Thai, Vietnamese, or Indonesian) at the intermediate level (202 or equivalent). | 5 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Across Asia Course | 3 | C | • Except for courses marked "critical" or "necessary," the sequence of required and elective courses will vary with each student according to individual choices and the schedule of classes.<br>• Join a student club or professional organization.<br>• If interested in law school, review the Pre-Law at ASU website. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Southeast Asian language course(s) (Thai, Vietnamese, or Indonesian) at the intermediate level (202 or equivalent). | 5 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 240: Introduction to Southeast Asia ((HU or SB) & G) OR HST 240: Introduction to Southeast Asia ((HU or SB) & G) OR POS 240: Introduction to Southeast Asia ((HU or SB) & G) OR REL 240: Introduction to Southeast Asia ((HU or SB) & G) OR SGS 240: Introduction to Southeast Asia ((HU or SB) & G) | 3 | C | • Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.<br>• Explore opportunities to study abroad. |
| Second Language: Requirement satisfied through the following:<br>* Completion of Southeast Asian language course(s) (Thai, | | | |

| | | |
|---|---|---|
| Vietnamese, or Indonesian) at the intermediate level (202 or equivalent). | 5 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Elective | 1 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Outside Southeast Asia course | 3 | C | • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• If interested in law school, make an appointment with the pre-law advisor. |
| Across Asia Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Southeast Asian language course(s) (Thai, Vietnamese, or Indonesian) at the intermediate level (202 or equivalent). | 5 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Southeast Asia concentration | 3 | C | • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.<br>• Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. |
| Outside Southeast Asia course | 3 | C | |
| Upper Division Southeast Asia Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Southeast Asia concentration | 3 | C | • Explore graduate school opportunities.<br>• If planning to attend law school, prepare to take the LSAT.<br>• Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. |
| Southeast Asia Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR HST 484: Internship | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Southeast Asia concentration | 3 | C | • Use Handshake to research employment opportunities.<br>• Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| Upper Division Outside Southeast Asia Course | 3 | C | |
| Upper Division Southeast Asia Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |

| | | |
|---|---|---|
| Term hours subtotal: | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HST 496: South, Southeast, and East Asia in the Global Matrix | 3 | C | • HST 496 is the required capstone course for the major and is only offered in spring terms.<br>• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.<br>• Apply for career opportunities. |
| ★ Upper Division Southeast Asia concentration | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- For the Southeast Asia Electives requirement, in addition to the courses shown in the Southeast Asia Electives list, students may take any courses in the Southeast Asia Concentration list that were not used to fulfill the concentration.

Hide Course List(s)/Track Group(s)

| Across Asia |
|---|
| ARS 201: Art of Asia (HU & H & G) |
| GCU 326: Geography of Asia (SB & G) |
| HST 106: Asian Civilizations ((HU or SB) & G & H) |
| HST 303: ASIA: Women in Asia |
| HST 303: Cold War Asia |
| HST 303: Democracy in Asia |
| HST 303: Empires in Asia |
| HST 303: Film and Politics in Colonial Asia |
| HST 303: WWII in Asia: Cultures of War |
| POS 468: Comparative Asian Foreign Policies (SB & G) |
| REL 345: Asian Religious Traditions (HU & G) |
| REL 350: Hinduism ((L or HU) & G) |
| REL 351: Buddhism ((L or HU) & G) |
| **Outside Southeast Asia** |
| ARS 444: Films of India or FMS 426: Films of India |
| ARS 472: Art of China (HU) |
| ARS 473: Art of Japan (HU) |
| ARS 475: Chinese Painting (HU) |

| Southeast Asia Concentration |
|---|
| ASB 325: Peoples of Southeast Asia (G) |
| GCU 433: Geography of Southeast Asia |
| HST 391: Modern Southeast Asia (SB & G & H) or SGS 381: Modern Southeast Asia (SB & G & H) |
| POS 358: Southeast Asia (SB & G) |
| REL 348: Religion and Culture in Southeast Asia |

| Southeast Asia Electives |
|---|
| HST 303: Film and Politics in Colonial Asia |
| HST 456: The Vietnam War (SB & G & H) |
| MUP 489: Gamelan |
| POS 468: Comparative Asian Foreign Policies (SB & G) |
| REL 352: Modern Buddhism |
| REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G) |

CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)

CHI 205: Chinese Calligraphy

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

DCE 114: Dances of India I

GCU 432: Geography of China (SB & G)

HST 108: Introduction to Japan (SB & G & H)

HST 245: Introduction to India and South Asia (HU & H & G) or POS 245: Introduction to India and South Asia (HU & H & G) or REL 245: Introduction to India and South Asia (HU & H & G) or SGS 245: Introduction to India and South Asia (HU & H & G) or SLC 245: Introduction to India and South Asia (HU & H & G)

HST 302: Envisioning Peace

HST 302: Women, War and Peace

HST 303: China,Japan & East Asia in World History

HST 303: The Family in Modern China

HST 303: History of Modern China: From Taiping to Tiananmen

HST 303: Modern China: Personal Narratives and Histories

HST 303: Modern China: Violence

HST 383: China (SB & H) or CHI 333: China (SB & H) or SLC 333: China (SB & H)

HST 384: Modern China: 1700 to the Present (SB & G & H) or SLC 334: Modern China: 1700 to the Present (SB & G & H)

HST 385: History of Chinese Medicine (HU & H & G)

HST 386: Interpreting China's Classics ((L or HU) & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H)

HST 387: Japan ((L or SB) & H)

HST 388: Japan (SB & G & H)

HST 389: Japan Society and Values/Premod

HST 392: Modern India

HST 451: Chinese Cultural History I ((HU or SB) & H) or CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

HST 452: Chinese Cultural History II (SB & G & H) or CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

HST 459: Gandhi and the Politics of Nonviolence

JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G)

JPN 333: Japanese Civilization from the Ice Age to Last Thursday

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 375: Intercultural Communication in Korea or SLC 375: Intercultural Communication in Korea

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

POS 357: South Asia Politics (SB & G)

POS 452: China (SB & G)

REL 338: Daode Jing: Way to the West (L or HU) or CHI 338: Daode Jing: Way to the West (L or HU)

REL 343: Daoism ((L or HU) & G & H) or CHI 343: Daoism ((L or HU) & G & H)

REL 344: Religion and Values in Japanese Life (HU & G)

REL 346: Chinese Religions or CHI 346: Chinese Religions

REL 347: Religions of India: Peace and Conflict ((L or HU) & G)

REL 350: Hinduism ((L or HU) & G)

REL 354: Religions of Korea (HU) or KOR 354: Religions of Korea (HU)

REL 355: Japanese Cities and Cultures to 1800 (HU)

REL 364: Islam in Eurasia and Central Asia

REL 365: Islamic Civilization (HU & H) or HST 336: Islamic Civilization (HU & H)

REL 366: Islam in the Modern World (HU & G) or HST 339: Islam in the Modern World (HU & G)

SLC 421: Japanese Literature in Translation ((L or HU) & G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Asian Languages (Chinese), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACHIBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHI 101: First-Year Chinese I (G) | 5 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language are required to take a language placement test.<br>• Students may opt to take CHI 110 Intensive Chinese I (8 credit course equivalent to CHI 101 and CHI 102) in Term 1.<br>• Learn about the Chinese Language Flagship Program.<br>• Engage in Chinese at ASU. Come to the SILC Cafe. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHI 102: First-Year Chinese II (G) | 5 | C | • Students interested in the Chinese Flagship Program should meet with a Flagship representative.<br>• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.<br>• Attend a Financing Your Study Abroad Program Workshop.<br>• Join a student club or professional organization.<br>• Students who have taken CHI 110 may take CHI 210 Intensive Chinese II (8 credit intensive course equivalent to CHI 201 and CHI 202) in Term 2. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHI 120: Introduction to Chinese Culture (L or HU) | 3 | C | • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. |
| CHI 201: Second-Year Chinese I (G) | 5 | C | |

| | | | |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Learn about language-specific scholarship opportunities.<br>• Learn about internships for language and culture majors. |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| **Term 4 45 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C | • A Chinese Flagship representative can provide you information about opportunities available to students in the program.<br>• Explore your career interest area.<br>• Learn about research opportunities through the ASU Humanities Lab. |
| CHI 202: Second-Year Chinese II (G) | 5 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| **Term 5 60 - 74 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CHI 301: Third-Year Chinese I (G) | 5 | C | • Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses.<br>• Learn about national scholarships, fellowships and research opportunities. |
| CHI 321: Chinese Literature (HU) OR CHI 322: Chinese Literature (HU & G) | 3 | C | |
| China Related Area | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 14 | | |

| **Term 6 74 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CHI 302: Third-Year Chinese II (G) | 5 | C | • Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses.<br>• Enroll in listed courses or in a School of International Letters and Cultures recommended program abroad.<br>• Use Handshake to research employment opportunities. |
| CHI 321: Chinese Literature (HU) OR CHI 322: Chinese Literature (HU & G) | 3 | C | |
| China Related Area | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CHI 307: Introduction to Literary Chinese I (HU) | 3 | C | • Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses.<br>• Attend an ASU Career and Professional Development Services workshop or Job Fair. |
| CHI 380: The Chinese Language | 3 | C | |
| Upper Division Chinese Language, Literature and Linguistics Elective Course | 3 | C | |
| 4** Chinese Language, Literature and Linguistics Elective Course | 3 | C | |
| Upper Division Elective OR SLC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| | | **Minimum** | |
|---|---|---|---|

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ CHI 308: Classical Chinese II (HU) | 3 | C | • Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses.<br>• Apply for full-time career opportunities. |
| ★ 4** Chinese Language, Literature and Linguistics Elective Course | 3 | C | |
| China Related Area | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Select nine hours from the Upper Division Chinese Language, Linguistics, or Literature Courses listed. Students who desire a linguistics emphasis should select CHI 482 plus three hours of language courses. Students who want to emphasize literature should select nine hours of literature courses. All students must take at least six credit hours of Chinese electives at the 400 level.

Hide Course List(s)/Track Group(s)

| China Related Area |
|---|
| ARS 201: Art of Asia (HU & H & G) |
| ARS 472: Art of China (HU) |
| ARS 475: Chinese Painting (HU) |
| CHI 333: China (SB & H) |
| CHI 336: Interpreting China's Classics ((L or HU) & H) |
| CHI 338: The Daoist Bible: The Daode jing (L or HU) |
| CHI 343: Daoism ((L or HU) & G & H) |
| CHI 451: Chinese Cultural History I ((HU or SB) & H) |
| CHI 452: Chinese Cultural History II (SB & G & H) |
| HST 384: Modern China: 1700 to the Present (SB & G & H) |
| REL 345: Asian Religious Traditions (HU & G) |
| REL 351: Buddhism ((L or HU) & G) |

| Chinese Language, Literature and Linguistics Elective Courses |
|---|
| CHI 333: China (SB & H) |
| CHI 336: Interpreting China's Classics ((L or HU) & H) |
| CHI 338: The Daoist Bible: The Daode jing (L or HU) |
| CHI 348: Pathways into Chinese Culture |
| CHI 401: Fourth-Year Chinese I (G) |
| CHI 402: Fourth-Year Chinese II (G) |
| CHI 407: Chinese for Academic and Professional Purposes I (G) |
| CHI 408: Chinese for Academic and Professional Purposes II (G) |
| CHI 470: Modern Chinese Literature and Culture |
| CHI 482: History of the Chinese Language |

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that

guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
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**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

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- Literacy and Critical Inquiry (L)
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- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Asian Languages (Chinese) - Chinese Flagship, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACHIBA

| Term 1 0 - 12 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHI 101: First-Year Chinese I (G) | 5-8 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Learn about Chinese intensive language courses. Students may opt to take CHI 110 (8 credit course equivalent to CHI 101 and CHI 102) in Term 1.<br>• ASU Language Placement: Students with previous experience in the language are required to take a language placement test.<br>• Engage in Chinese at ASU. Practice your language skills at the SILC Cafe. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 12-15 | | |

| Term 2 12 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHI 102: First-Year Chinese II (G) | 5-8 | C | • Newly accepted Flagship students should schedule a meeting with an academic advisor and a Flagship coordinator to create a semester-by-semester plan of study for all required courses for graduation.<br>• Create a Handshake account and explore your career interest area.<br>• Attend a Financing Your Study Abroad Program workshop.<br>• Students who have taken CHI 110 may opt to take CHI 210 (equivalent to CHI 201 and CHI 202) in Term 2. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15-18 | | |

| Summer 2 Session 1 27 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHI 201: Second-Year Chinese I (G) | 5-8 | C | • To remain on track for graduation, Flagship students are expected to participate in a Flagship domestic or abroad approved language program in Summer 2. |
| Term hours subtotal: | 5-8 | | |

| Summer 2 Session 2 32 - 37 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| CHI 202: Second-Year Chinese II (G) | 5-8 | C |
| Term hours subtotal: | 5-8 | |

- To remain on track for graduation, Flagship students are expected to participate in a Flagship approved language program away from ASU in Summer 2.

| Term 3 37 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| CHI 120: Introduction to Chinese Culture (L or HU) | 3 | C |
| CHI 301: Third-Year Chinese I (G) | 5 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

- Flagship students should schedule a meeting with an academic advisor and a Flagship coordinator to create a semester-by-semester plan of study for all required courses for graduation.
- Learn about research opportunities through the ASU Humanities Lab.

| Term 4 51 - 66 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| CHI 302: Third-Year Chinese II (G) | 5 | C |
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 15 | |

- Learn about internships, scholarships and awards for language majors.
- Flagship students may participate in a Flagship approved language program away from ASU in the summer between Terms 4 and 5.

| Term 5 66 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| CHI 307: Introduction to Literary Chinese I (HU) | 3 | C |
| CHI 401: Fourth-Year Chinese I (G) | 3 | C |
| CHI 348: Pathways into Chinese Culture OR CHI 470: Modern Chinese Literature and Culture | 3 | C |
| Social-Behavioral Sciences (SB) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

- Enroll in Study Abroad Program credits or listed courses.
- China Related Content Courses must be taught in Chinese. Consult your academic advisor or Flagship coordinator when choosing your content courses.
- Develop your professional online presence.

| Term 6 81 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| CHI 402: Fourth-Year Chinese II (G) | 3 | C |
| CHI 380: The Chinese Language | 3 | C |
| Upper Division Elective | 2 | |
| Elective | 3 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 11 | |

- Enroll in Study Abroad Program credits or listed courses.
- Learn about national scholarships, fellowships, and research opportunities through the Humanities Lab.
- Attend an ASU Career and Professional Development Services workshop or job fair.
- Use Handshake to research employment opportunities

| | | Minimum | |
|---|---|---|---|

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ CHI 407: Chinese for Academic and Professional Purposes I (G) | 3 | C | • All Flagship students must spend their final terms 7 and 8 in China for their capstone year abroad participating in a Flagship approved program at National Taiwan University or Nanjing University.<br>• China related content courses must be taught in Chinese.<br>• Gather professional references. |
| ★ Upper Division Chinese Literature and Linguistics Course | 3 | C | |
| ★ Upper Division China Related Content Courses | 3 | C | |
| *Complete 2 courses:* Elective | 7 | | |
| Term hours subtotal: | 16 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CHI 408: Chinese for Academic and Professional Purposes II (G) | 3 | C | • All Flagship students must spend their final terms 7 and 8 in China for their capstone year abroad participating in a Flagship approved program at National Taiwan University or Nanjing University. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective OR SLC 484: Internship | 3 | | |
| Term hours subtotal: | 12 | | |

- Flagship students are required to complete two China Related Area "Content Courses" taught in the Chinese language. Students are required to take a one-credit Chinese Writing Module to accompany China Related Area "Content Courses" that are taught in English. See department advisor or Flagship program director for additional course offerings.

Hide Course List(s)/Track Group(s)

| Upper-Division China Related Content Courses |
|---|
| ARS 472: Art of China (HU) |
| CHI 333: China (SB & H) or SLC 333: China (SB & H) |
| CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H) |
| CHI 338: Daode Jing: Way to the West (L or HU) |
| CHI 343: Daoism ((L or HU) & G & H) or REL 343: Daoism ((L or HU) & G & H) |
| CHI 345: Chinese Film and Civilization |
| CHI 348: Pathways into Chinese Culture |
| CHI 394: Special Topics |
| CHI 451: Chinese Cultural History I ((HU or SB) & H) |
| CHI 452: Chinese Cultural History II (SB & G & H) |
| CHI 494: Special Topics |

| Chinese Literature and Linguistics Courses |
|---|
| CHI 348 or CHI 470 not taken in earlier requirement may be selected here. |
| CHI 336: Interpreting China's Classics ((L or HU) & H) |
| CHI 338: Daode Jing: Way to the West (L or HU) |
| CHI 348: Pathways into Chinese Culture |
| CHI 451: Chinese Cultural History I ((HU or SB) & H) |
| CHI 452: Chinese Cultural History II (SB & G & H) |
| CHI 470: Modern Chinese Literature and Culture |

HST 384: Modern China: 1700 to the Present (SB & G & H)

REL 345: Asian Religious Traditions (HU & G)

REL 351: Buddhism ((L or HU) & G)

SLC 484: Internship

SLC 498: Pro-Seminar

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Asian Languages (Japanese), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAJPNBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.<br>• Learn about Japanese intensive language courses. Students may opt to take JPN 110 Intensive Japanese I (8 credit course equivalent to JPN 101 and JPN 102) in Term 1.<br>• Engage in Japanese at ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JPN 101: First-Year Japanese I (G) | 5 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Start planning your study abroad experience. Meet with a SILC advisor to learn about major-specific study abroad programs in Japan .<br>• Attend a Financing Your Study Abroad Program Workshop.<br>• Explore your career interest area.<br>• Students may opt to take JPN 210 Intensive Japanese II (8 credit course equivalent to JPN 201 and JPN 202) in Term 2 if credit has been earned in JPN 110 or JPN 102. |
| JPN 102: First-Year Japanese II (G) | 5 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| *Complete 2 courses:* Elective | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JPN 201: Second-Year Japanese I (G) | 5 | C | • Develop your skills.<br>• Learn about research opportunities through the ASU Humanities Lab. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| | Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JPN 202: Second-Year Japanese II (G) | 5 | C | • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JPN 301: Third-Year Japanese I (G) | 3 | C | • Enroll in listed courses or participate in a School of International Letters and Cultures endorsed program abroad for your major.<br>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.<br>• Learn about internship, scholarship and award opportunities for language and culture majors. |
| SLC 421: Japanese Literature in Translation ((L or HU) & G) | 3 | C | |
| Related Area Course | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JPN 302: Third-Year Japanese II (G) | 3 | C+ | • Enroll in listed courses or participate in a School of International Letters and Cultures endorsed program abroad for your major.<br>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.<br>• Learn about national scholarships, fellowships, and research opportunities.<br>• Use Handshake to research employment opportunities. |
| JPN 333: Japanese Civilization from the Ice Age to Last Thursday | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JPN 401: Reading Modern Japanese Texts I ((L or HU) & G) | 3 | C | • Learn about internship opportunities in Japanese<br>• Gather professional references |
| JPN 414: Introduction to Classical Japanese | 3 | C | |
| Upper Division JPN Restricted Electives | 3 | C | |
| Upper Division Elective OR JPN 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| 4** (400-Level) Japanese Elective | 3 | C |
| Upper Division JPN Restricted Electives | 3 | C |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | |
| Term hours subtotal: | 15 | |

- Attend a Career Services workshop or Job Fair.

Hide Course List(s)/Track Group(s)

| Upper-division JPN Restricted Electives | Related Area Courses | Japanese 400-Level Elective |
|---|---|---|
| JPN 309: Japanese Oral Communication I | ARS 472: Art of China (HU) | JPN 415: Advanced Classical Japanese |
| JPN 310: Japanese Oral Communication II | ARS 473: Art of Japan (HU) | JPN 445: Readings in Modern Japanese Letters and Culture |
| JPN 311: Japanese Composition I (G) | ARS 475: Chinese Painting (HU) | JPN 484: Internship |
| JPN 394: Special Topics | CHI 120: Introduction to Chinese Culture (L or HU) | JPN 485: Japanese Literature and the Art of Translation |
| JPN 415: Advanced Classical Japanese | CHI 333: China (SB & H) | JPN 493: Honors Thesis (L) |
| JPN 445: Readings in Modern Japanese Letters and Culture | CHI 336: Interpreting China's Classics ((L or HU) & H) | JPN 494: Special Topics |
| JPN 485: Japanese Literature and the Art of Translation | CHI 338: Daode Jing: Way to the West (L or HU) | JPN 499: Individualized Instruction |
| JPN 492: Honors Directed Study | CHI 343: Daoism ((L or HU) & G & H) | |
| JPN 493: Honors Thesis (L) | CHI 345: Chinese Film and Civilization | |
| JPN 494: Special Topics | CHI 451: Chinese Cultural History I ((HU or SB) & H) | |
| JPN 499: Individualized Instruction | CHI 452: Chinese Cultural History II (SB & G & H) | |
| | GCU 326: Geography of Asia (SB & G) | |
| | GCU 432: Geography of China (SB & G) | |
| | HST 106: Asian Civilizations ((HU or SB) & G & H) | |
| | HST 387: Japan ((L or SB) & H) | |
| | HST 389: Japan Society and Values/Premod | |
| | KOR 250: Korean Culture and Society (HU & G) | |
| | KOR 321: Modern Korean Literature (HU) | |

**Notes:**

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Asian Pacific American Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAAPABA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Courses | 3 | C | • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| APA Elective | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| Elective | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| APA 360: Asian Pacific American Experience ((HU or SB) & C) | 3 | C | • Explore an internship |
| Related Area Courses | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| APA 450: Asian Pacific American Contemporary Issues (SB & C) | 3 | C | • Develop your professional online presence |
| APA Upper Division Elective | 3 | C | |
| Upper Division Related Area Courses | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| APA Upper Division Elective | 3 | C | |
| Upper Division Related Area Courses | 3 | C | |
| Historical Awareness (H) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| APA 484: Internship | 3 | C | • APA 484 requires departmental approval to enroll.<br>• Gather professional references |
| APA Upper Division Elective | 3 | C | |
| Upper Division Related Area Courses | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| APA 499: Individualized Instruction | 3 | C | • APA 499 Individualized Instruction is a capstone research project determined in consultation with faculty advisor and requires departmental approval to enroll. |
| APA Upper Division Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |

| | | |
|---|---|---|
| Elective | 3 | |
| Term hours subtotal: | 15 | |

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|---|
| AFR 370: Family Ethnic and Cultural Diversity (SB & C) |
| APA Elective |
| ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C) |
| COM 371: Language, Culture, and Communication (SB & C & G) |
| ENG 333: American Ethnic Literature |
| ENG 460: Ethnic Women Writers |
| HST 325: Immigration and Ethnicity in the United States (SB & H & C) |
| JUS 320: Community and Social Justice (SB & C) |
| JUS 325: Globalization and Socio-Economic Justice (SB & G) |
| JUS 350: Immigration and Justice (SB & C) |
| JUS 405: Inequality, Economy and Justice ((L or SB) & G) |
| JUS 432: Racial Justice (L) |
| POS 439: Minority Group Politics in America (SB & C) |
| SBS 301: Cultural Diversity ((L or SB) & C) |
| SBS 339: Grassroots Social Movements (SB) |
| TCL 327: Health and Migration (SB) |
| TCL 410: Race, Medicine, and the Body (L) |
| WST 378: Global Feminist Theory (L & G) |
| WST 380: Race, Gender, and Class (SB & C) |
| WST 420: Women of Color in Film (HU & C) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Astronomical and Planetary Sciences, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAASTPLSBS

| Term 1 - A 0 - 11 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AST 111: Introduction to Solar Systems Astronomy (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.<br>• AST 111 is a session C course (15 weeks long). |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 11 | | |

| Term 1 - B 11 - 17 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 17 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) | 4 | C | • AST 112 is a session C course (15 weeks long).<br>• Select your career interest areas and play me3@ASU. |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 10 | | |

| Term 2 - B 27 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s) | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 33 - 40 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | • Review the Career Guide for ASU Online Students to learn about available career planning resources. |
| Humanities, Arts and Design (HU) | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 7 |

| Term 3 - B 40 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Register for a Handshake account and participate in virtual career advising. |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 53 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SES 106: Habitable Worlds (SQ) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AST 301: Physics of Astrophysics | 3 | C | • AST 301 is a session C course (15 weeks long).<br>• Build your professional connections -- join the ASU Mentor Network. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 66 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Astronomical and Planetary Sciences Major Electives | 3-4 | C | • Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary. |
| Elective | 3-2 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 72 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SES 350: Engineering Systems and Experimental Problem Solving | 3 | C | • SES 350 is a session C course (15 weeks long).<br>• Develop your professional online presence. |
| SES 376: Communicating Astronomical and Planetary Sciences I | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 78 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SES 377: Communicating Astronomical and Planetary Sciences II | 3 | C | • Use Handshake to research employment opportunities.<br>• Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary. |
| Astronomical and Planetary Sciences Major Electives | 3-4 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6-7 | | |

| Term 7 - A 84 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ★ AST 321: Introduction to Planetary and Stellar Astrophysics | 3 | C |
| Upper Division Science and Society Elective | 3 | C |
| Term hours subtotal: | 6 | |

- AST 321 is a session C course (15 weeks long).
- Apply for full-time career opportunities.

| Term 7 - B 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Astronomical and Planetary Sciences Major Electives | 3-4 | C | • Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6-7 | | |

| Term 8 - A 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ AST 322: Introduction to Galactic and Extragalactic Astrophysics | 3 | C | • AST 322 is a session C course (15 weeks long). |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Astronomical and Planetary Sciences Major Electives | 3-4 | C | • Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary. |
| Upper Division Elective | 3-2 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Astronomical and Planetary Sciences Major Electives | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

- All students pursuing a BS or BSP degree in The College must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all 6 credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Astronomical and Planetary Sciences Major Electives | Upper Division Astronomical and Planetary Sciences Major Electives |
|---|---|
| BIO 181: General Biology I (SQ) | BIO 340: General Genetics |
| BIO 182: General Biology II (SG) | BIO 345: Evolution |
| BIO 340: General Genetics | MAT 343: Applied Linear Algebra |

BIO 345: Evolution

CHM 113: General Chemistry I (SQ)

CHM 114: General Chemistry for Engineers (SQ)

CHM 116: General Chemistry II (SQ)

GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ)

MAT 275: Modern Differential Equations (MA)

MAT 343: Applied Linear Algebra

MCO 307: The Digital Audience

MCO 335: Social Media

MCO 425: Digital Media Literacy I

PHI 314: Philosophy of Science (HU)

SES 141: Energy In Everyday Life (SQ)

STP 226: Elements of Statistics (CS)

TWC 401: Fundamentals of Technical Communication (L)

TWC 446: Technical and Scientific Reports (L)

MCO 307: The Digital Audience

MCO 335: Social Media

MCO 425: Digital Media Literacy I

PHI 314: Philosophy of Science (HU)

TWC 401: Fundamentals of Technical Communication (L)

TWC 446: Technical and Scientific Reports (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biochemistry, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABCHBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students placing into lower level math classes can still graduate in 4 years -- see an academic advisor for planning.<br>• Students considering advanced science degrees and those who plan to take advanced math courses should take MAT 270 in place of MAT 251.<br>• Select your Career Interest Areas and play me3@ASU. |
| MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Research the timeline for health careers and professional program admissions requirements. |
| CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | • Students who are interested in graduate degrees in natural sciences or health-related professional degrees should take PHY 111 |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| BIO 182: General Biology II (SG) | 4 | C | |

| | | | |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

and PHY 113 instead of PHY 101 in this term. Then, complete PHY 112 and PHY 114 in the next term.

- Research admission requirements for health-related professional schools.
- Discuss study abroad opportunities with a School of Molecular Sciences advisor.

| Term 4 45 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 234: General Organic Chemistry II | 3 | C | • Due to lower-division pre-requisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) courses.<br>• Connect with a Career Advisor by registering for a Handshake account. |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete PHY 101 OR PHY 112 AND PHY 114 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 5 59 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 341: Physical Chemistry with a Biological Focus | 3 | C | • Create a first draft resume. |
| BCH 461: General Biochemistry | 3 | C | |
| CHM 302: Environmental Chemistry OR CHM 325: Analytical Chemistry | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 462: General Biochemistry | 3 | C | • Explore internship opportunities in industry and health fields.<br>• This is an ideal semester to study abroad. BCH course may be taken in the final two terms. |
| Advanced BIO Elective | 3-4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | • Upper Division BCH or CHM Electives must be completed at Tempe campus and cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480. |
| BCH OR CHM Upper Division Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR BCH 484: Internship | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 15 |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BCH OR CHM Upper Division Elective | 3 | C | • Apply for full-time career opportunities. |
| *Complete 4 courses:* Upper Division Elective | 12 | | |
| Term hours subtotal: | 15 | | |

- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

| Advanced BIO Elective |
|---|
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 325: Oceanography or CHM 385: Oceanography |
| BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins |
| BIO 351: Developmental Biology |
| BIO 353: Cell Biology |
| BIO 360: Animal Physiology |
| BIO 431: Genes, Development, and Evolution (L) |
| MIC 205: Microbiology (SG) |
| MIC 206: Microbiology Laboratory (SG) |
| MIC 220: Biology of Microorganisms |
| MIC 461: Geomicrobiology |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biochemistry, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LABCHBA

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your Career Interest Areas and play me3@ASU.<br>• Due to lower-division pre-requisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) courses. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | • View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 21 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Research the timeline for health careers and professional program admissions preparation. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 8 | | |

| Term 2 - B 21 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Term hours subtotal: | 8 | |

| Term 3 - A 29 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 101: Introduction to Physics (SQ) | 4 | C | • Research admission requirements for health-related professional schools.<br>• Students who are interested in graduate degrees in natural sciences or health-related professional degrees should take PHY 111 and PHY 113 instead of PHY 101 in this term. Then, complete PHY 112 and PHY 114 in the next term. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 8 | | |

| Term 3 - B 37 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 44 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • Connect with a Career Advisor by registering for a Handshake account. |
| CHM 233: General Organic Chemistry I | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 51 - 58 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 234: General Organic Chemistry II | 3 | C | |
| BIO 182: General Biology II (SG) | 4 | C | |
| Complete PHY 101 OR PHY 112 AND PHY 114 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Summer 4 58 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | • ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Term hours subtotal: | 2 | | |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 341: Physical Chemistry with a Biological Focus | 3 | C | • Create a first draft resume. |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 6 | |

| Term 5 - B 66 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | • Explore internship opportunities in industry and health fields. |
| Upper Division Elective OR BCH 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CHM 325: Analytical Chemistry | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Advanced BIO Elective | 3-4 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6-7 | | |

| Term 7 - A 84 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | • Consider taking BCH 463 as the BCH OR CHM Upper Division Elective in this term. |
| ★ BCH OR CHM Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 93 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BCH OR CHM Upper Division Elective | 3 | C | • Apply for full-time career opportunities.<br>• Consider taking CHM 394 or CHM 433 for the BCH OR CHM Upper Division Elective in this term for session A.<br>• Consider taking CHM 453 for the BCH OR CHM Upper Division elective in this term for session B. |
| BCH 461: General Biochemistry | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 462: General Biochemistry | 3 | C | |
| Upper Division Elective | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Summer 8 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | • ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

| Advanced BIO Elective |
|---|
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 340: General Genetics |
| BIO 351: Developmental Biology |
| BIO 353: Cell Biology |
| BIO 360: Animal Physiology |
| MIC 205: Microbiology (SG) |
| MIC 206: Microbiology Laboratory (SG) |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biochemistry, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABCHBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students placing in lower level math classes can still graduate in four years. See an academic advisor for planning.<br>• Select your Career Interest Areas and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • Research timeline for health careers and professional program admissions preparation. |
| CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 28 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | • Research admission requirements for health-related professional schools.<br>• Discuss study abroad opportunities with a School of Molecular Sciences advisor. |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| BIO 182: General Biology II (SG) | 4 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 43 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) | 3 | C | • Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.<br>• Connect with a Career Advisor by registering for a Handshake account. |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 17 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 341: Physical Chemistry with a Biological Focus | 3 | C | • Create a first draft resume. |
| BCH 461: General Biochemistry | 3 | C | |
| Advanced BIO Elective | 3-4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 462: General Biochemistry | 3 | C | • This is an ideal semester to study abroad. BCH courses may be taken in the final two terms.<br>• Explore internship opportunities in industry and health fields. |
| BCH 463: Biophysical Chemistry | 3 | C | |
| Advanced BIO Elective | 3-4 | C | |
| Science and Society Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Elective OR BCH 484: Internship | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH OR CHM Upper Division Elective | 3 | C | • Upper Division BCH or CHM Elective must be completed at Tempe campus and cannot |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 3 courses:* | | | |

| | | |
|---|---|---|
| Upper Division Elective | 9 | be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480. |
| Term hours subtotal: | 15 | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

| Advanced BIO Elective |
|---|
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 202: Human Anatomy and Physiology II (SG) |
| BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 325: Oceanography or CHM 385: Oceanography |
| BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins |
| BIO 351: Developmental Biology |
| BIO 353: Cell Biology |
| BIO 360: Animal Physiology |
| BIO 440: Functional Genomics |
| BIO 446: Principles of Human Genetics (L) |
| BIO 450: Advanced Developmental Biology |
| BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging |
| BIO 465: Neurophysiology |
| MBB 343: Genetic Engineering and Society (L) |
| MBB 350: Applied Genetics |
| MIC 205: Microbiology (SG) |
| MIC 206: Microbiology Laboratory (SG) |
| MIC 220: Biology of Microorganisms |
| MIC 360: Bacterial Physiology |
| MIC 379: Medical Bacteriology |

MIC 461: Geomicrobiology

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biochemistry, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LABCHBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Select your career interest area and play me3@ASU. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 34 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| PHY 111: General Physics (SQ) | 3 | C |
| PHY 113: General Physics Laboratory (SQ) | 1 | C |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| Term hours subtotal: | 7 | |

- Review the Career Guide for ASU Online students to learn about available career planning resources.

| Term 3 - B 34 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) | 3 | C | |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 41 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

- Register for a Handshake account and participate in virtual career advising.

| Term 4 - B 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 234: General Organic Chemistry II | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Plan for in-person laboratory attendance in Summer. Talk with your academic advisor.

| Summer 4 53 - 55 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Term hours subtotal: | 2 | | |

- ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

| Term 5 - A 55 - 62 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.
- Build your professional connections -- join the ASU Mentor Network.

| Term 5 - B 62 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ★ BCH 341: Physical Chemistry with a Biological Focus | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 6 | |

| Term 6 - B 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 463: Biophysical Chemistry | 3 | C | • Create a first draft resume. |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BCH 461: General Biochemistry | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 462: General Biochemistry | 3 | C | • View career webinars offered by Career and Professional Development Center. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Advanced BIO Elective | 3-4 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6-7 | | |

| Term 8 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Advanced BIO Elective | 3-4 | C | • Plan for in-person laboratory attendance in Summer. Talk with your academic advisor.<br>• Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6-7 | | |

| Summer 8 105 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | • ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| Term hours subtotal: | 3 | | |

| Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BCH OR CHM Upper Division Elective | 3 | C | • Upper Division BCH or CHM Elective cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480. Talk with your academic advisor for options. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

| Advanced BIO Elective |
|---|
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 202: Human Anatomy and Physiology II (SG) |
| BIO 340: General Genetics |
| BIO 351: Developmental Biology |
| BIO 353: Cell Biology |
| BIO 360: Animal Physiology |
| MIC 205: Microbiology (SG) |
| MIC 206: Microbiology Laboratory (SG) |
| MIC 220: Biology of Microorganisms |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120 **General University Requirements Legend**

**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biochemistry (Medicinal Chemistry), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABCHMBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students placing into lower level math courses can still graduate in 4 years -- see an academic advisor for planning.<br>• Select your Career Interest Areas and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 4-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15-14 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • Research timeline for health careers and professional program admissions preparation. |
| CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 4-3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-14 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | • Research admission requirements for health-related professional schools.<br>• Create a first draft resume. |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| BIO 182: General Biology II (SG) | 4 | | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) | 3 | C | • Due to lower-division pre-requisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.<br>• Explore internship opportunities within industry and health fields.<br>• Discuss study abroad opportunities with a School of Molecular Sciences advisor. |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 341: Physical Chemistry with a Biological Focus | 3 | C | • Connect with a Career Advisor by registering for a Handshake account.<br>• Students choosing BIO 353 & CHM 343 should take a 3 credit hour elective in term 6. |
| BCH 461: General Biochemistry | 3 | C | |
| BIO 353: Cell Biology OR BIO 360: Animal Physiology | 3 | | |
| CHM 343: Elementary Physical Chemistry Laboratory OR BIO 361: Animal Physiology Laboratory | 2 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 462: General Biochemistry | 3 | C | • This is an ideal semester to study abroad. BCH courses may be taken in final two terms. |
| BCH 463: Biophysical Chemistry | 3 | C | |
| Science and Society Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 433: Advanced Organic Chemistry I | 3 | C | • Apply for full-time career opportunities. |
| BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR BCH 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 435: Medicinal Chemistry | 3 | C | • Upper Division BCH or CHM Elective must be completed at Tempe campus and cannot |
| BCH OR CHM Upper Division Elective | 3 | C | |

| | | |
|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480. |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| Term hours subtotal: | 15 | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biochemistry (Medicinal Chemistry), BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LABCHMBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your Career Interest Areas and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | | • View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Research timelines for health careers and professional program admissions preparation. |
| MAT 266: Calculus for Engineers II (MA) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 34 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| PHY 111: General Physics (SQ) | 3 | C |
| PHY 113: General Physics Laboratory (SQ) | 1 | C |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 7 | |

- Research admission requirements for health-related professional schools.
- Create a first draft resume.
- Due to lower-division pre-requisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.

| Term 3 - B 34 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) | 3 | C | |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 41 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • Explore internship opportunities within industry and health fields. |
| CHM 233: General Organic Chemistry I | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 48 - 55 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | | |
| CHM 234: General Organic Chemistry II | 3 | C | |
| Term hours subtotal: | 7 | | |

| Summer 4 55 - 57 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | • ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Term hours subtotal: | 2 | | |

| Term 5 - A 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 341: Physical Chemistry with a Biological Focus | 3 | C | • Connect with a Career Advisor by registering for a Handshake account. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 63 - 70 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 463: Biophysical Chemistry | 3 | C | |
| Upper Division Elective | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 70 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ★ BIO 353: Cell Biology OR BIO 360: Animal Physiology | 3 | |
| Humanities, Arts and Design (HU) | 3 | |
| Term hours subtotal: | 6 | |

| Term 6 - B 76 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 343: Elementary Physical Chemistry Laboratory OR BIO 361: Animal Physiology Laboratory | 2 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 5 | | |

| Term 7 - A 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BCH 461: General Biochemistry | 3 | C | • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 462: General Biochemistry | 3 | C | |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Summer 7 93 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | • ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| Term hours subtotal: | 3 | | |

| Term 8 - A 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CHM 433: Advanced Organic Chemistry I | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH OR CHM Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Science and Society Elective | 3 | C | • Explore an internship. |
| Upper Division Elective OR BCH 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|---|---|---|---|

| Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ CHM 435: Medicinal Chemistry | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biological Sciences, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • LIA 101, ASU 101, or other First-Year Seminar required of all first-year students<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement<br>• Select your career interest area and play me3@ASU |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student organization<br>• Create a resume & Handshake account with the Career & Professional Development Center<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Attend a Pre-Health 101 session<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | • Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• It is not recommended to take more than two lab courses in a term.<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) |
| CHM 231: Elementary Organic Chemistry (SQ) | 3 | | |
| CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

- Attend a Study Abroad 101 Session
- Explore minors or certificates

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 345: Evolution | 3 | C | • Pre-health students should take CHM 234 and CHM 238 instead of the elective in this term. See the pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Explore or pursue internship opportunities<br>• Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Upper Division Additional Major Requirement Course | 3-4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Major Laboratory/Research Course | 1-4 | C | • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)<br>• Explore graduate school or full-time opportunities |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Upper Division Additional Major Requirement Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | | |
| Term hours subtotal: | 14-17 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Additional Major Requirement Course | 3 | C | • Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See the pre-health website for more information<br>• Use Handshake to research employment opportunities<br>• Explore graduate school or full-time opportunities |
| Upper Division Major Laboratory/Research Course | 2-4 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Elective | 7 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-17 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Elective Course | 3 | C | • Explore or apply for full-time career opportunities or graduate school<br>• Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 |
| Upper Division Additional Major Requirement Course | 3-4 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Major Elective Course | 3 | C | • Continue to apply for full-time career opportunities or graduate school |
| Upper Division Additional Major Requirement Course | 3 | C | |
| Science and Society Elective | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Laboratory/Research Courses | Major Elective Courses | Additional Major Requirements Courses |
|---|---|---|
| BCH 367: Elementary Biochemistry Laboratory | BIO OR HPS OR MBB OR MIC 3** Elective | **Ethics, History, and Philosophy of Science** |
| BIO 308: Plant Physiology | BIO OR HPS OR MBB OR MIC 4** Elective | BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) |
| BIO 321: Introductory Ecology Laboratory | BCH 361: Advanced Principles of Biochemistry | HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU) |
| BIO 342: General Genetics Laboratory | | **Ecology, Conservation Biology and Evolution** |
| BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) | | BIO 320: Fundamentals of Ecology |
| BIO 352: Laboratory in Vertebrate Developmental Anatomy | | BIO 322: Conservation of Biodiversity |
| BIO 354: Cell Biology Laboratory | | BIO 421: Landscape Ecology |
| BIO 357: Cell and Molecular Biology Laboratory | | BIO 422: Ecosystem Ecology |
| BIO 361: Animal Physiology Laboratory | | BIO 423: Population and Community Ecology |
| BIO 370: Vertebrate Zoology | | **Microbiology, Molecular, & Cellular Biology** |
| BIO 385: Comparative Invertebrate Zoology | | BCH 361: Advanced Principles of Biochemistry |
| BIO 386: General Entomology | | BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) |
| BIO 415: Statistical Models for Biology (CS) | | BIO 351: Developmental Biology |
| BIO 435: Research Techniques in Animal Behavior | | BIO 353: Cell Biology |
| BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging | | BIO 440: Functional Genomics |
| BIO 471: Ornithology | | BIO 420: Immunology: Molecular and Cellular Foundations or MIC 420: Immunology: Molecular and Cellular |
| BIO 474: Herpetology | | |
| BIO 475: Advanced Human Anatomy | | |

BIO 484: Internship or MIC 484: Internship

BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research

MBB 350: Applied Genetics

MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)

MIC 302: Advanced Bacteriology Laboratory (L)

Additional Major Requirements Courses

**Ethics, History, and Philosophy of Science**

BIO 311: Biology and Society or HPS 340: Biology and Society

BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)

HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)

BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)

BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)

**Ecology, Conservation Biology and Evolution**

BIO 320: Fundamentals of Ecology

BIO 322: Conservation of Biodiversity

BIO 421: Landscape Ecology

BIO 422: Ecosystem Ecology

BIO 423: Population and Community Ecology

**Microbiology, Molecular, & Cellular Biology**

BCH 361: Advanced Principles of Biochemistry

BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)

BIO 351: Developmental Biology

BIO 353: Cell Biology

BIO 440: Functional Genomics

Foundations or MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)

**Organismal Biology**

BIO 308: Plant Physiology

BIO 331: Animal Behavior

BIO 360: Animal Physiology

BIO 370: Vertebrate Zoology

BIO 461: Comparative Animal Physiology

BIO 462: Endocrine Physiology

BIO 467: Neurobiology

| |
|---|
| BIO 420: Immunology: Molecular and Cellular Foundations or MIC 420: Immunology: Molecular and Cellular Foundations |
| MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) |
| **Organismal Biology** |
| BIO 308: Plant Physiology |
| BIO 331: Animal Behavior |
| BIO 360: Animal Physiology |
| BIO 370: Vertebrate Zoology |
| BIO 461: Comparative Animal Physiology |
| BIO 462: Endocrine Physiology |
| BIO 467: Neurobiology |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biological Sciences, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LABSCBS

| Term 1 - A 0 - 8 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 8 | | |

| Term 1 - B 8 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • View ASU Online first-year student registration information here.<br>• Create a resume & Handshake account with the Career & Professional Development Center to explore research or internship opportunities<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Join a student organization<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 15 - 22 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements. |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement

| Term 3 - A 29 - 36 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | • Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses.<br>• It is not recommended to take more than two lab courses in a term.<br>• Review the Career Guide for ASU Online students to learn about available career planning resources. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 36 - 42 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 42 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 345: Evolution | 3 | C | • Develop your professional online presence<br>• Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the pre-health website for more information<br>• If CHM 233 is taken, then CHM 234 must be taken the following semester<br>• Organic Chemistry labs (CHM 237 for CHM 233, and CHM 238 for CHM 234) are required and available at ASU over the summer. Please speak with an advisor for more information. |
| CHM 231: Elementary Organic Chemistry (SQ) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 48 - 55 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 7 | | |

| Summer 4 55 - 56 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 1 | C | • ASU Online students will complete all experiments for the CHM 235 organic chemistry lab at the Tempe Campus of ASU |
| Term hours subtotal: | 1 | | |

during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.
- Pre-health students will complete CHM 237 and CHM 238 organic chemistry labs instead of CHM 235.

| Term 5 - A 56 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 101: Introduction to Physics (SQ) | 4 | C | • Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses.<br>• If interested in health-related professional programs, use ASU's Health Professions Advising to prepare for application.<br>• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)<br>• Explore graduate school or full-time career opportunities |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Additional Major Requirement Course | 3-4 | C | • Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health website for more information<br>• Network in your career interest area. |
| Elective | 3 | | |
| Term hours subtotal: | 6-7 | | |

| Term 6 - A 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Additional Major Requirement Course | 3 | C | • Work with your academic advisor to align your additional major requirement and major elective courses with your career aspirations<br>• Use Handshake to research employment opportunities |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 75 - 82 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Major Laboratory Research Course | 1 | C | |
| ★ Upper Division Additional Major Requirement Course | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 7 - A 82 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Laboratory Research Course | 2-4 | C | |

| | | | |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8<br>• Explore or apply for full-time career opportunities or graduate school |
| Term hours subtotal: | 5-7 | | |

| Term 7 - B 87 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Major Elective Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Science and Society Elective | 3 | C | • Explore other resources available through ASU's Career and Professional Development Center |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Major Elective Course | 3 | C | • Gather professional references |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Additional Major Requirement Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Additional Major Requirement Course | 3 | C | • Continue to apply for full-time career opportunities or graduate school |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Laboratory Research Course | Major Electives | Additional Major Requirements Courses |
|---|---|---|
| BCH 367: Elementary Biochemistry Laboratory | BIO OR HPS OR MBB OR MIC 3** Elective | **Ethics, History, and Philosophy of Science** |
| BIO 321: Introductory Ecology Laboratory | BIO OR HPS OR MBB OR MIC 4** Elective | BIO 311: Biology and Society or HPS 340: Biology and Society |

BIO 357: Cell and Molecular Biology Laboratory

BIO 361: Animal Physiology Laboratory

BIO 370: Vertebrate Zoology

BIO 415: Statistical Models for Biology (CS)

BIO 475: Advanced Human Anatomy

BIO 484: Internship

BIO 495: Undergraduate Research

MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)

BCH 361: Advanced Principles of Biochemistry

BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)

BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)

BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)

HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)

**Ecology, Conservation Biology and Evolution**

BIO 320: Fundamentals of Ecology

BIO 322: Conservation of Biodiversity

BIO 422: Ecosystem Ecology

BIO 423: Population and Community Ecology

**Microbiology, Molecular, & Cellular Biology**

BCH 361: Advanced Principles of Biochemistry

BIO 351: Developmental Biology

BIO 353: Cell Biology

BIO 440: Functional Genomics

BIO 420: Immunology: Molecular and Cellular Foundations or MIC 420: Immunology: Molecular and Cellular Foundations

MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)

**Organismal Biology**

BIO 331: Animal Behavior

BIO 360: Animal Physiology

BIO 370: Vertebrate Zoology

BIO 462: Endocrine Physiology

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biological Sciences (Biology and Society), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCSBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • LIA 101, ASU 101, or other First-Year Seminar required of all first-year students<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement<br>• Select your career interest area and play me3@ASU |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student organization<br>• Create a resume & Handshake account with the Career & Professional Development Center<br>• Explore Research Opportunities<br>• Attend a Pre-Health 101 Session<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | • Pre-health students should take CHM 233 and CHM 237 instead of the elective in this term. See pre-health website for more information.<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• It is not recommended to take more than two lab courses in a term. |
| BIO 311: Biology and Society OR HPS 340: Biology and Society | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

- BIO 311 or HPS 340 will fulfill the upper-division Science and Society requirement for The College
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a Study Abroad 101 Session
- Explore minors and certificates

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 345: Evolution | 3 | C | • Pre-health students should take CHM 234 and CHM 238 instead of the elective in this term. See pre-health website for more information.<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• Explore or pursue internship opportunities<br>• Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Biological Sciences Elective | 3 | C | • Pre-health students should take PHY 111 and 113 instead of an elective this term. See the pre-health website for more information<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)<br>• Some upper-division Science in Contemporary Society Interface courses require lower-division prerequisites which may be taken as electives<br>• Explore graduate school or full-time career opportunities |
| Upper Division Science in Contemporary Society Interface Course | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 314: Research Colloquium in Biology and Society I (L) | 2 | C | • Pre-health students should take PHY 112 and 114 instead of electives this term. See the pre-health website for more information<br>• Research employment opportunities or graduate school programs |
| Upper Division History and Philosophy of Science Interface Course | 3 | C | |
| Upper Division Ethics Interface Course | 3 | C | |
| *Complete 2 courses:* Elective | 7 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Additional Major Core Elective Courses | 3 | C | • Students who complete less than 3 hours of BIO 484 or BIO 492 or BIO 495 should plan to complete additional elective hours to reach |
| Upper Division Major Biological Sciences Elective | 3 | C | |

| | | |
|---|---|---|
| BIO 484: Internship OR BIO 492: Honors Directed Study OR BIO 495: Undergraduate Research | 1 | |
| Upper Division Elective | 2 | |
| *Complete 2 courses:* Elective | 6 | |
| Term hours subtotal: | 15 | |

the minimum 120 total hours required for this degree.

- BIO 484 or BIO 492 or BIO 495 requires the completion of an individualized instruction form and meeting with a faculty member before the semester begins. These are positions and research experience secured by the student on their own.
- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8
- Explore or apply for full-time career opportunities or graduate school

| **Term 8 108 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ BIO 414: Research Colloquium in Biology and Society II (L) | 1 | C | |
| ★ *Complete 2 courses:* Upper Division Major Biological Sciences Elective | 6 | C | • Continue to apply for full-time career opportunities or graduate school |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Science in Contemporary Society Interface Courses |
|---|
| AFR 383: Blacks in Science, Medicine and Public Health |
| ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) |
| BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) |
| BIO 317: History of Science II (HU & H) or HPS 323: History of Science II (HU & H) |
| BIO 322: Conservation of Biodiversity |
| BIO 323: Ecosystem Restoration and Management |
| BIO 412: Conservation in Practice or SOS 412: Conservation in Practice |

| Major Biological Sciences Elective Courses |
|---|
| BIO OR HPS OR MBB OR MIC 3** Elective |
| BIO OR HPS OR MBB OR MIC 4** Elective |
| BCH 361: Advanced Principles of Biochemistry |

| Additional Major Core Elective Courses |
|---|
| AFR 383: Blacks in Science, Medicine and Public Health |
| ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) |
| ASB 357: Society, Drugs and Health (SB & G) |
| BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) |
| BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) |
| BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H) |
| BIO 322: Conservation of Biodiversity |

MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society

WST 340: Gender, Science, and Technology (SB)

WST 360: Women as Healers (SB & G)

BIO 323: Ecosystem Restoration and Management

BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)

BIO 412: Conservation in Practice or SOS 412: Conservation in Practice

BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)

HPS 313: Probability, Evidence, and Decision or PHI 313: Probability, Evidence, and Decision

HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)

HPS 322: History of Science I (HU & H)

HPS 323: History of Science II (HU & H) or BIO 317: History of Science II (HU & H)

HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)

HPS 336: Exploration and Science (SB & H)

MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society

WST 340: Gender, Science, and Technology (SB)

WST 360: Women as Healers (SB & G)

History and Philosophy of Science Interface Courses

ASB 357: Society, Drugs and Health (SB & G)

BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H)

HPS 313: Probability, Evidence, and Decision or PHI 313: Probability, Evidence, and Decision

HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)

HPS 322: History of Science I (HU & H)

HPS 323: History of Science II (HU & H) or BIO 317: History of Science II (HU & H)

HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)

HPS 336: Exploration and Science (SB & H)

Ethics Interface Courses

BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)

BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)

BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biological Sciences (Biology and Society), BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LABSCSBS

| Term 1 - A 0 - 8 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 8 | | |

| Term 1 - B 8 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • View ASU Online first-year student registration information here.<br>• Create a resume & Handshake account with the Career & Professional Development Center to explore research or internship opportunities<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Join a student organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 15 - 22 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Select your career interest area and play me3@ASU.<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements. |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement

| Term 3 - A 29 - 35 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 311: Biology and Society OR HPS 340: Biology and Society | 3 | C | • Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses.<br>• It is not recommended to take more than two lab courses in a term.<br>• Review the Career Guide for ASU Online students to learn about available career planning resources. |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 35 - 42 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | • Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 42 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 345: Evolution | 3 | C | • Develop your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 48 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 54 - 60 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Science in Contemporary Society Interface Course | 3 | C | • If interested in health-related professional programs, use ASU's Health Professions Advising to prepare for application.<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)<br>• Explore graduate school or full-time career opportunities |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 60 - 66 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Science and Society Elective | 3 | C | |

| | | |
|---|---|---|
| Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 6 | |

- Network in your career interest area.

| Term 6 - A 66 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 314: Research Colloquium in Biology and Society I (L) | 2 | C | • Work with your academic advisor to align your additional major requirement and major elective courses with your career aspirations<br>• Use Handshake to research employment opportunities |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 8 | | |

| Term 6 - B 74 - 80 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Additional Major Core Elective Courses | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 80 - 87 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Biological Sciences Elective | 3 | C | • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8<br>• Explore or apply for full-time career opportunities or graduate school |
| BIO 484: Internship OR BIO 495: Undergraduate Research | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 7 - B 87 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Ethics Interface Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 93 - 100 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Biological Sciences Elective | 3 | C | • Explore other resources available through ASU's Career and Professional Development Center |
| Upper Division Elective | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - B 100 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Biological Sciences Elective | 3 | C | • Gather professional references |
| BIO 414: Research Colloquium in Biology and Society II (L) | 1 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 9 - A 107 - 114 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Biological Sciences Elective | 3 | C | |
| Elective | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division History and Philosophy of Science Interface Course | 3 | C | • Continue to apply for full-time career opportunities or graduate school |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Science in Contemporary Society Interface Courses |
|---|
| ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) |
| BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) |
| BIO 317: History of Science II (HU & H) or HPS 323: History of Science II (HU & H) |
| BIO 322: Conservation of Biodiversity |
| BIO 412: Conservation in Practice or SOS 412: Conservation in Practice |
| MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society |
| WST 340: Gender, Science, and Technology (SB) |

| Major Biological Sciences Elective Courses |
|---|
| BIO OR HPS 3** Elective |
| BIO OR HPS 4** Elective |
| BCH 361: Advanced Principles of Biochemistry |

| Additional Major Core Elective Courses |
|---|
| ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) |
| ASB 357: Society, Drugs and Health (SB & G) |
| BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) |
| BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) |
| BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H) |
| BIO 317: History of Science II (HU & H) or HPS 323: History of Science II (HU & H) |
| BIO 322: Conservation of Biodiversity |
| BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU) |
| BIO 412: Conservation in Practice or SOS 412: Conservation in Practice |
| BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L) |
| HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU) |
| HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H) |
| MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society |
| WST 340: Gender, Science, and Technology (SB) |

| Ethics Interface Courses |
|---|

| | |
|---|---|
| History and Philosophy of Science Interface Courses | BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) |
| ASB 357: Society, Drugs and Health (SB & G) | BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU) |
| BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H) | BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L) |
| BIO 317: History of Science II (HU & H) or HPS 323: History of Science II (HU & H) | |
| HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU) | |
| HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H) | |

**Notes:**

- 
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  - Mathematics Placement Assessment score determines placement in first mathematics course.
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**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

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- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biological Sciences (Biomedical Sciences), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCMBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • LIA 101, ASU 101, or other First-Year Seminar is required of all first-year students<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement<br>• Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Create a resume & Handshake account with the Career & Professional Development Center to explore research or internship opportunities<br>• Attend a Pre-Health 101 Session<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Join a student organization<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics OR MBB 347: Molecular Genetics: From Genes to Proteins | 4 | C | • Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See pre-health website for more information.<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• It is not recommended to take more than two lab courses in a term.<br>• Explore extracurriculars (i.e. service learning, community service, internships, |
| CHM 231: Elementary Organic Chemistry (SQ) | 3 | C | |
| CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 1 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

research, student involvement, shadowing, etc.)
- Attend a Study Abroad 101 Session
- Explore minors or certificates

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 345: Evolution | 3 | C | • Pre-health students should take CHM 234 and CHM 238 instead of the elective in this term. See pre-health website for more information.<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 361: Advanced Principles of Biochemistry | 3 | C | • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See pre-health website for more information.<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)<br>• Explore graduate school or full-time career opportunities |
| BCH 367: Elementary Biochemistry Laboratory | 1 | C | |
| BIO 360: Animal Physiology | 3 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology | 3 | C | • Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See pre-health website for more information.<br>• BIO 312 or BIO 416 will be used to satisfy the upper-division Science and Society credit for The College.<br>• Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives.<br>• Research employment opportunities or graduate school programs |
| BIO 353: Cell Biology | 3 | C | |
| BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L) | 3 | C | |
| Upper Division Elective | 4 | | |
| Elective | 2 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course | 4-2 | C | • Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C | |

| | | |
|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Upper Division Elective | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 16-14 | |

- Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives.
- Explore or apply for full-time career opportunities or graduate school
- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology | 3 | C | • Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course.<br>• Continue to apply for full-time career opportunities or graduate school |
| ★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course | 2-4 | C | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 14-16 | | |

- Students must take at least one course from the Medicine in Society group and at least one course from the Biomedical Research group, and at least one of those must be a lab course.
- Some upper-division Medicine in Society Courses require lower-division prerequisites, which may be taken as electives. See list of Suggested Electives provided.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Biomedical Research | Medicine in Society | Suggested Electives |
|---|---|---|
| BIO 342: General Genetics Laboratory | ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) | ASB 100: Introduction to Global Health (SB & G) |
| BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) | ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) | ASB 102: Introduction to Cultural Anthropology (SB & G) |
| BIO 352: Laboratory in Vertebrate Developmental Anatomy | ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB) | ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) |
| BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS) | ASB 462: Medical Anthropology: Culture and Health (SB & C) | ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) |
| BIO 357: Cell and Molecular Biology Laboratory | ASM 345: Disease and Human Evolution | ASM 104: Bones, Stones, and Human Evolution (SB or SG) |
| BIO 361: Animal Physiology Laboratory | | BIO 331: Animal Behavior |
| | | HST 101: Global History Since 1500 (HU & H & G) or SGS 111: Global History Since 1500 (HU & H & G) |

BIO 370: Vertebrate Zoology

BIO 415: Statistical Models for Biology (CS)

BIO 435: Research Techniques in Animal Behavior

BIO 439: Computing for Research

BIO 450: Advanced Developmental Biology

BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging

BIO 475: Advanced Human Anatomy

BIO 492: Honors Directed Study or MBB 492: Honors Directed Study or MIC 492: Honors Directed Study

BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research

BMI 465: Introduction to Comparative Genomics

MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab

MIC 421: Experimental Immunology

MIC 425: Advanced Immunology

ASM 401: Health and Human Biology

ASM 403: Evolutionary Medicine and Global Health or BIO 403: Evolutionary Medicine and Global Health

ASM 414: Environmental Health (SB)

BIO 302: Cancer--Mother of All Diseases (L)

BIO 311: Biology and Society or HPS 340: Biology and Society

BIO 394: Healing Traditions of Latino-America

BIO 394: Spanish for Biomedical Sciences

BIO 408: Advanced Evolutionary Medicine

HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)

MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society

MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biological Sciences (Biomedical Sciences), BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LABSCMBS

| Term 1 - A 0 - 8 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or other First-Year Seminar is required of all first-year students |
| BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 8 | | |

| Term 1 - B 8 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • View ASU Online first-year student registration information here.<br>• Create a resume & Handshake account with the Career & Professional Development Center to explore research or internship opportunities<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Join a student organization<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 15 - 22 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Select your career interest areas and play me3@ASU |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

| | | |
|---|---|---|
| Term hours subtotal: | 7 | |

- If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements.
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement

| Term 3 - A 29 - 36 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | • Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses.<br>• It is not recommended to take more than two lab courses in a term.<br>• Review the Career Guide for ASU Online students to learn about available career planning resources. |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 36 - 42 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 345: Evolution | 3 | C | • Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 42 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 231: Elementary Organic Chemistry (SQ) | 3 | C | • Develop your professional online presence<br>• Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following term<br>• Organic Chemistry labs (CHM 237 for CHM 233, and CHM 238 for CHM 234) are required and available at ASU over the summer. Please speak with an advisor for more information. |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 48 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L) | 3 | C | • BIO 312 or BIO 416 may be used to satisfy the upper-division Science and Society credit for The College. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Summer 4 Session 1 54 - 55 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 1 | C | |

| | | |
|---|---|---|
| Term hours subtotal: | 1 | |

- ASU Online students will complete all experiments for the CHM 235 organic chemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.
- Pre-health students will complete CHM 237 and CHM 238 organic chemistry labs instead of CHM 235.

| **Term 5 - A 55 - 62 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses.
- If interested in health-related professional programs, use ASU's Health Professions Advising to prepare for applications.
- Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information.
- Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)
- Explore graduate school or full-time career opportunities.

| **Term 5 - B 62 - 68 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ BIO 360: Animal Physiology | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Pre-health students should take PHY 112 and PHY 114 instead of Elective this term. See the pre-health website for more information
- Network in your career interest area.

| **Term 6 - A 68 - 74 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ BIO 353: Cell Biology | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

- Biochemistry lab BCH 367 is available at ASU over the summer. Please speak with an advisor for more information
- Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See pre-health website for more information.

| **Term 6 - B 74 - 80 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ BCH 361: Advanced Principles of Biochemistry | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

- Biochemistry lab BCH 367 is available at ASU over the summer. Please speak with an advisor for more information.

| **Summer 6 Session 2 80 - 84 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ BCH 367: Elementary Biochemistry Laboratory | 1 | C | • ASU Online students will complete all experiments for the BCH 367 biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term. |
| Elective | 3 | | |
| Term hours subtotal: | 4 | | |

| Term 7 - A 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology | 3 | C | • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8<br>• Explore or apply for full-time career opportunities or graduate school |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 96 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Elective | 3 | | • Explore other resources available through ASU's Career and Professional Development Center |
| Term hours subtotal: | 3 | | |

| Term 8 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course | 3 | C | • Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives.<br>• Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course.<br>• Research employment opportunities or graduate school programs<br>• Gather professional references |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 105 - 113 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course | 3 | C | • Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course.<br>• Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives. |
| *Complete 2 courses:*<br>Elective | 5 | | |
| Term hours subtotal: | 8 | | |

| Term 9 - B 113 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 7 | | • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8<br>• Continue to apply for full-time career opportunities or graduate school |
| Term hours subtotal: | 7 | | |

- Students must take at least one course from the Medicine in Society group and at least one course from the Biomedical Research group, and at least one of those must be a lab course.
- Some upper-division Medicine in Society Courses require lower-division prerequisites, which may be taken as electives. See list of Suggested Electives provided.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Biomedical Research |
|---|
| BIO 361: Animal Physiology Laboratory |
| BIO 357: Cell and Molecular Biology Laboratory |
| BIO 370: Vertebrate Zoology |
| BIO 415: Statistical Models for Biology (CS) |
| BIO 475: Advanced Human Anatomy |
| BIO 484: Internship |
| BIO 495: Undergraduate Research |

| Medicine in Society |
|---|
| ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) |
| ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) |
| ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB) |
| ASB 462: Medical Anthropology: Culture and Health (SB & C) |
| ASM 345: Disease and Human Evolution |
| ASM 403: Evolutionary Medicine and Global Health |
| ASM 414: Environmental Health (SB) |
| HPS 331: History of Medicine (HU & H) |
| MIC 314: HIV/AIDS: Science, Behavior, and Society |

| Suggested Electives |
|---|
| ASB 100: Introduction to Global Health (SB & G) |
| ASB 102: Introduction to Cultural Anthropology (SB & G) |
| ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) |
| ASM 104: Bones, Stones, and Human Evolution (SB or SG) |
| BIO 331: Animal Behavior |
| HST 101: Global History Since 1500 (HU & H & G) or SGS 111: Global History Since 1500 (HU & H & G) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biological Sciences (Conservation Biology and Ecology), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCCBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • LIA 101, ASU 101, or other First-Year Seminar required of all first-year students<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement<br>• Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student organization<br>• Create a resume & Handshake account with the Career & Professional Development Center<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Attend a Pre-Health 101 Session<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 320: Fundamentals of Ecology | 3 | C | • Pre-health students should take CHM 233 and CHM 237 as their Physical Science requirement course this term. See the pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• It is not recommended to take more than two lab courses in a term.<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Attend a Study Abroad 101 Session |
| Physical Science Requirement Course | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

- Explore minors or certificates

| Term 4 45 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | • Meet with the Career & Professional Development Center to learn how to develop professional skills<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Pre-health students should take CHM 234 and CHM 238 this term instead of an elective. See the pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 322: Conservation of Biodiversity | 3 | C | • BIO 322 will be used to satisfy the upper-division Science and Society requirement for The College.<br>• Pre-health students should take PHY 111 and 113 instead of an elective this term. See the pre-health website for more information<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)<br>• Explore graduate school or full-time career opportunities |
| BIO 345: Evolution | 3 | C | |
| Upper Division Human Dimensions of Conservation and Ecology Course | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Conservation Biology and Ecology Field Methods Course | 3 | C | • Conservation Biology and Ecology courses teach students field (outdoor) and laboratory methods that are commonly used in conservation biology and ecology.<br>• Pre-health students should take PHY 112 and 114 instead of Elective this term. See the pre-health website for more information<br>• Use Handshake to research employment opportunities |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Advanced Ecology Course | 3-4 | C | • Explore or apply for full-time career opportunities or graduate school<br>• Meet with your advisor to verify remaining degree requirements have been met prior to Term 8. |
| Quantitative & Spatial Analysis Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15-16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Advanced Ecology, Biodiversity, Field or Research Course | 3 | C | • Please note that faculty approval must be granted prior to enrolling BIO 484 or MIC 484.<br>• Continue to apply for full-time career opportunities or graduate school. |
| ★ Upper Division Advanced Human Dimensions of Conservation and Ecology Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 5 | | |
| Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | | |
| Term hours subtotal: | 14 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Human Dimensions of Conservation and Ecology |
|---|
| BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) |
| BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU) |
| BIO 412: Conservation in Practice |
| BIO 434: People and Nature: Ecosystem Services or SOS 434: People and Nature: Ecosystem Services |

| Conservation Biology and Ecology Field Methods |
|---|
| BIO 405: Sonoran Desert Field Botany |
| BIO 407: Novel Ecosystems |
| BIO 410: Techniques in Conservation Biology and Ecology (L) |
| BIO 484: Internship |
| BIO 494: Discovering Biodiversity |

| Physical Science Requirement Courses |
|---|
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) |
| GIS 205: Geographic Information Science I (CS) |
| GIS 211: Geographic Information Science II (CS) |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) |
| GLG 327: Earth's Critical Zone or SOS 374: Earth's Critical Zone |
| GPH 111: Introduction to Physical Geography (SQ) |
| PHY 101: Introduction to Physics (SQ) or PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |

| Quantitative & Spatial Analysis Courses |
|---|
| BIO 411: Quantitative Methods in Conservation and Ecology |
| BIO 415: Statistical Models for Biology (CS) |
| GIS 311: Geographic Information Science III (CS) |
| GIS 470: Advanced Statistics for Geography and Planning (CS) |

| Advanced Ecology |
|---|
| BIO 421: Landscape Ecology or SOS 421: Landscape Ecology |
| BIO 422: Ecosystem Ecology |
| BIO 423: Population and Community Ecology |

| Advanced Human Dimensions of Conservation and Ecology |
|---|
| BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) |
| BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU) |
| BIO 394: The Global Water Classroom |
| BIO 412: Conservation in Practice |

GIS 471: Spatial Statistics for Geography and Planning

SOS 212: Systems, Dynamics and Sustainability

BIO 434: People and Nature: Ecosystem Services or SOS 434: People and Nature: Ecosystem Services

BIO 494: Society and Natural Resource Management

JUS 444: Environment and Justice (L & C) or FIS 444: Environment and Justice (L & C)

PRM 380: Wilderness and Parks in America (SB & H)

REL 349: Nature, Sustainability and Religion or JST 349: Nature, Sustainability and Religion or SOS 349: Nature, Sustainability and Religion

SOS 310: Equity, Justice and Sustainability

SOS 321: Policy and Governance in Sustainable Systems

SOS 325: The Economics of Sustainability

Advanced Ecology, Biodiversity, Field or Research Course

ABS 376: Wildlife Ecology

ABS 380: Restoration and Wildlife Plants

ABS 470: Life History of Mammals

ABS 476: Big Game Habitat Management

ABS 481: Riparian and Wetland Restoration

ASM 443: Primatology

BIO 303: Plant Diversity and Evolution (L or SG)

BIO 313: The Flora of Arizona

BIO 325: Oceanography

BIO 331: Animal Behavior

BIO 370: Vertebrate Zoology

BIO 385: Comparative Invertebrate Zoology

BIO 386: General Entomology

BIO 405: Sonoran Desert Field Botany

BIO 410: Techniques in Conservation Biology and Ecology (L)

BIO 419: Physiological Plant Ecology

BIO 421: Landscape Ecology

BIO 430: Plant Geography or GPH 422: Plant Geography

BIO 436: Sociobiology and Behavioral Ecology

BIO 461: Comparative Animal Physiology

BIO 492: Honors Directed Study

BIO 495: Undergraduate Research

SOS 424: Dynamic Modeling in Social and Ecological Systems

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biological Sciences (Conservation Biology and Ecology), BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LABSCCBS

| Term 1 - A 0 - 9 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| BIO 181: General Biology I (SQ) | 4 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| Term hours subtotal: | 9 | | |

| Term 1 - B 9 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • View ASU Online first-year student registration information here.<br>• Create a resume & Handshake account with the Career & Professional Development Center to explore research or internship opportunities<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Join a student organization |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| Term hours subtotal: | 8 | | |

| Term 2 - A 17 - 23 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Select your career interest area and play me3@ASU.<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 23 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements.<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

- Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement

| Term 3 - A 29 - 35 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 320: Fundamentals of Ecology | 3 | C | • It is not recommended to take more than two lab courses in a term.<br>• Review the Career Guide for ASU Online students to learn about available career planning resources. |
| Physical Science Requirement Course | 3-4 | C | |
| Term hours subtotal: | 6-7 | | |

| Term 3 - B 35 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Science and Society Elective | 3 | C | • Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 41 - 47 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | • BIO 322 may be taken during this term.<br>• Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses.<br>• Develop your professional online presence |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 47 - 54 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 54 - 60 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 322: Conservation of Biodiversity | 3 | C | • If interested in health-related professional programs, use ASU's Health Professions Advising to prepare for application.<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)<br>• Explore graduate school or full-time career opportunities |
| BIO 345: Evolution | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Human Dimensions of Conservation and Ecology Course | 3 | C | • Network in your career interest area. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 66 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Conservation Biology and Ecology Field Methods Course | 3 | C | • Students wanting to use BIO 484 internship to fulfill the field methods requirement must seek faculty approval first.<br>• Work with your academic advisor to align your additional major requirement and major elective courses with your career aspirations<br>• Use Handshake to research employment opportunities |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Advanced Ecology Course | 3 | C | • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8<br>• Explore or apply for full-time career opportunities or graduate school |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Advanced Human Dimensions of Conservation and Ecology Course | 3 | C | • Explore other resources available through ASU's Career and Professional Development Center |
| Upper Division Elective | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - B 97 - 106 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Quantitative & Spatial Analysis Course | 3 | C | • Gather professional references |
| Elective | 6 | | |
| Term hours subtotal: | 9 | | |

| Term 9 - A 106 - 113 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 4 | | • Continue to apply for full-time career opportunities or graduate school |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| | | Minimum | |
|---|---|---|---|

| Term 9 - B 113 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ Upper Division Advanced Ecology, Biodiversity, Field or Research Course | 3 | C | |
| Elective | 4 | | |
| Term hours subtotal: | 7 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Human Dimensions of Conservation and Ecology |
|---|
| BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) |
| BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU) |
| BIO 412: Conservation in Practice |

| Conservation Biology and Ecology Field Methods |
|---|
| BIO 407: Novel Ecosystems |
| BIO 410: Techniques in Conservation Biology and Ecology (L) |
| BIO 484: Internship |
| BIO 494: Discovering Biodiversity |

| Physical Science Requirement Courses |
|---|
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) |
| GIS 205: Geographic Information Science I (CS) |
| GIS 211: Geographic Information Science II (CS) |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) |
| GLG 327: Earth's Critical Zone or SOS 374: Earth's Critical Zone |
| GPH 111: Introduction to Physical Geography (SQ) |
| PHY 101: Introduction to Physics (SQ) or PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |

| Quantitative & Spatial Analysis Courses |
|---|
| BIO 415: Statistical Models for Biology (CS) |
| GIS 311: Geographic Information Science III (CS) |
| GIS 470: Advanced Statistics for Geography and Planning (CS) |
| GIS 471: Spatial Statistics for Geography and Planning |
| SOS 212: Systems, Dynamics and Sustainability |

| Advanced Ecology |
|---|
| BIO 422: Ecosystem Ecology |
| BIO 423: Population and Community Ecology |

| Advanced Human Dimensions of Conservation and Ecology |
|---|
| BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) |
| BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU) |
| BIO 394: The Global Water Classroom |
| BIO 494: Society and Natural Resource Management |
| PRM 380: Wilderness and Parks in America (SB & H) |
| SOS 310: Equity, Justice and Sustainability |

| | |
|---|---|
| | SOS 321: Policy and Governance in Sustainable Systems |
| | SOS 325: The Economics of Sustainability |
| Advanced Ecology, Biodiversity, Field or Research Course | |
| ASM 443: Primatology | |
| BIO 331: Animal Behavior | |
| BIO 370: Vertebrate Zoology | |
| BIO 385: Comparative Invertebrate Zoology | |
| BIO 495: Undergraduate Research | |
| GPH 422: Plant Geography or BIO 430: Plant Geography | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biological Sciences (Genetics, Cell and Developmental Biology), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCGBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • LIA 101, ASU 101, or other First-Year Seminar required of all first-year students<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement<br>• Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student organization<br>• Create a resume & Handshake account with the Career & Professional Development Center<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Attend a Pre-Health 101 Session<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | • Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235 this term. See pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• It is not recommended to take more than two lab courses in a term.<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) |
| CHM 231: Elementary Organic Chemistry (SQ) | 3 | C | |
| CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 1 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

- Attend a Study Abroad 101 Session
- Explore minors or certificates

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 345: Evolution | 3 | C | • Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See pre-health website for more information.<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry | 6 | C | • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 this term. See pre-health website for more information<br>• BIO 351 is only taught in the Fall semester<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)<br>• Explore graduate school or full-time career opportunities |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 4 | | |
| Term hours subtotal: | 17 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry | 3 | C | • Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See pre-health website for more information<br>• Use Handshake to research employment opportunities or explore graduate school |
| BIO 308: Plant Physiology OR BIO 360: Animal Physiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations OR MBB 440: Functional Genomics or BIO 440: Functional Genomics | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Laboratory/Research Course | 2-4 | C | • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 |
| Upper Division Major Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |

| | | |
|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | |
| Term hours subtotal: | 14-16 | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Major Laboratory/Research Course | 1 | C | • Continue to apply for full-time career opportunities or graduate school |
| BIO 308: Plant Physiology OR BIO 360: Animal Physiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations OR MBB 440: Functional Genomics or BIO 440: Functional Genomics | 3 | C | |
| Upper Division Major Elective | 2-4 | C | |
| Upper Division Elective | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 13-15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Laboratory/Research Courses |
|---|
| BCH 367: Elementary Biochemistry Laboratory |
| BIO 308: Plant Physiology |
| BIO 342: General Genetics Laboratory |
| BIO 352: Laboratory in Vertebrate Developmental Anatomy |
| BIO 357: Cell and Molecular Biology Laboratory |
| BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging |
| BIO 475: Advanced Human Anatomy |
| BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research |
| MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L) |
| MBB 350: Applied Genetics |
| MIC 206: Microbiology Laboratory (SG) AND MIC 220: Biology of Microorganisms |
| MIC 302: Advanced Bacteriology Laboratory (L) |

| Major Electives |
|---|
| BIO OR HPS OR MBB OR MIC 3** Elective |
| BIO OR HPS OR MBB OR MIC 4** Elective |
| BCH 367: Elementary Biochemistry Laboratory |

MIC 421: Experimental Immunology

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biological Sciences (Genetics, Cell and Developmental Biology), BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LABSCGBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

| **Term 1 - A 0 - 8 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • An SAT, ACT, Accuplacer, IETLS or TOEFL score determines placement into first-year composition courses<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 8 | | |

| **Term 1 - B 8 - 15 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • View ASU Online first-year student registration information here.<br>• Create a resume & Handshake account with the Career & Professional Development Center to explore research or internship opportunities<br>• Mathematics Placement Assessment score determines placement in mathematics and science courses<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Join a student organization<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| **Term 2 - A 15 - 22 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Select your career interest area and play me3@ASU. |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| | | **Minimum** | |
|---|---|---|---|

| Term 2 - B 22 - 29 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements.<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 29 - 36 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | • Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses.<br>• It is not recommended to take more than two lab courses in a term.<br>• Review the Career Guide for ASU Online students to learn about available career planning resources. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 36 - 42 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | • Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 42 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 345: Evolution | 3 | C | • Develop your professional online presence<br>• Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the pre-health website for more information<br>• If CHM 233 is taken, then CHM 234 must be taken the following semester<br>• Organic Chemistry labs (CHM 237 for CHM 233, and CHM 238 for CHM 234) are required and available at ASU over the summer. Please speak with an advisor for more information. |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 48 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 231: Elementary Organic Chemistry (SQ) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|---|---|---|---|

| Summer 4 54 - 55 Credit Hours | Hours | Grade | Notes |
|---|---|---|---|
| CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 1 | C | • ASU Online students will complete all experiments for the CHM 235 organic chemistry lab at the ASU Tempe Campus oduring a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.<br>• Pre-health students will complete CHM 237 and CHM 238 organic chemistry labs instead of CHM 235. |
| Term hours subtotal: | 1 | | |

| Term 5 - A 55 - 62 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry | 3 | C | • Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses.<br>• If interested in health-related professional programs, use ASU's Health Professions Advising to prepare for application.<br>• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)<br>• Explore graduate school or full-time career opportunities. |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 62 - 68 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 360: Animal Physiology OR MBB 440: Functional Genomics or BIO 440: Functional Genomics OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations | 3 | C | • Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health website for more information<br>• Network in your career interest area. |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 68 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry | 3 | C | • Work with your academic advisor to align your additional major requirement and major elective courses with your career aspirations<br>• Use Handshake to research employment opportunities |
| Upper Division Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 74 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| BIO 360: Animal Physiology OR MBB 440: Functional Genomics or BIO 440: Functional Genomics OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 80 - 86 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry | 3 | C | • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8<br>• Explore or apply for full-time career opportunities or graduate school |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 86 - 92 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 92 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Major Elective | 5 | C | • Explore other resources available through ASU's Career and Professional Development Center |
| Term hours subtotal: | 5 | | |

| Term 8 - B 97 - 104 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 7 | | • Gather professional references |
| Term hours subtotal: | 7 | | |

| Term 9 - A 104 - 109 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Elective | 5 | | |
| Term hours subtotal: | 5 | | |

| Term 9 - B 109 - 116 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Major Laboratory/Research Course | 1 | C | • Continue to apply for full-time career opportunities or graduate school |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 7 | | |

| Term 10 - A 116 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Major Laboratory/Research Course | 2-4 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 4-6 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Laboratory/Research Courses | Major Electives |
|---|---|
| BCH 367: Elementary Biochemistry Laboratory | BCH 367: Elementary Biochemistry Laboratory |
| BIO 342: General Genetics Laboratory | BIO OR HPS OR MBB OR MIC 3** Elective |
| BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research | BIO OR HPS OR MBB OR MIC 4** Elective |
| MIC 206: Microbiology Laboratory (SG) AND MIC 220: Biology of Microorganisms | |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biological Sciences (Neurobiology, Physiology and Behavior), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABSCABS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • LIA 101, ASU 101, or other First-Year Seminar required of all first-year students.<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement<br>• Select your career interest area and play me3@ASU |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student organization<br>• Create a resume & Handshake account with the Career & Professional Development Center<br>• Attend a Pre-Health 101 Session<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | • Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and 235 this term. See pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• It is not recommended to take more than two lab courses in a term. |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a Study Abroad 101 Session
- Explore minors or certificates

| Term 4 46 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 345: Evolution | 3 | C | • Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• Meet with the Career & Professional Development Center to learn how to develop professional skills<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Elective | 7 | | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 331: Animal Behavior OR BIO 360: Animal Physiology | 3 | C | • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 this term. See pre-health website for more information<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)<br>• Explore graduate school or full-time career opportunities |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 331: Animal Behavior OR BIO 360: Animal Physiology | 3 | C | • Pre-health students should take PHY 112 and PHY 114 this term instead of an elective. See pre-health website for more information. |
| BIO 436: Sociobiology and Behavioral Ecology OR BIO 461: Comparative Animal Physiology OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 436: Sociobiology and Behavioral Ecology OR BIO 461: Comparative Animal Physiology OR BIO 462: Endocrine Physiology | 3 | C | • Explore or apply for full-time career opportunities or graduate school |

| | | |
|---|---|---|
| OR BIO 467: Neurobiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations | | |
| BCH 361: Advanced Principles of Biochemistry | 3 | C |
| Upper Division Major Comparative Structure and Function Course | 3-4 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Upper Division Elective | 2 | |
| Term hours subtotal: | 14-15 | |

- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8

| **Term 8 107 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Major Laboratory/Research Course | 1-4 | C | • Continue to apply for full-time career opportunities or graduate school |
| ★ *Complete 2 courses:* Upper Division Major Electives | 6-8 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | | |
| Term hours subtotal: | 13-18 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Comparative Structure and Function Courses | Major Laboratory/Research Courses | Upper Division Major Electives |
|---|---|---|
| BIO 351: Developmental Biology | BCH 367: Elementary Biochemistry Laboratory | BIO OR MBB OR MIC 3** Elective |
| BIO 370: Vertebrate Zoology | BIO 308: Plant Physiology | BIO OR MBB OR MIC 4** Elective |
| BIO 385: Comparative Invertebrate Zoology | BIO 342: General Genetics Laboratory | BMI 465: Introduction to Comparative Genomics |
| BIO 386: General Entomology | BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) | PSY 470: Psychopharmacology |
| PSY 426: Neuroanatomy | BIO 352: Laboratory in Vertebrate Developmental Anatomy | |
| | BIO 361: Animal Physiology Laboratory | |
| | BIO 435: Research Techniques in Animal Behavior | |
| | BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging | |
| | BIO 475: Advanced Human Anatomy | |
| | BIO 484: Internship or MIC 484: Internship | |

| |
|---|
| BIO 492: Honors Directed Study or MBB 492: Honors Directed Study or MIC 492: Honors Directed Study |
| BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research |
| MIC 421: Experimental Immunology |

**Notes:**

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Biophysics, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABIPHBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest area and play me3@ASU |
| BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | • PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151, respectively<br>• Join a physics student organization |
| PHY 150: Physics I (SQ) | 4 | C | |
| BIO 182: General Biology II (SG) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151, respectively<br>• CHM 113 may be used in place of CHM 117 and CHM 111 |
| PHY 151: Physics II (SQ) | 4 | C | |
| CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 15 |

| Term 4 45 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | • CHM 116 may be used in place of CHM 118 and CHM 112. CHM 116 must be taken if students have received credit for CHM 113.<br>• MAT 275 AND MAT 342 or MAT 343 may be taken in place of PHY 201. The combination MAT 275 + MAT 342 or MAT 343 is sufficient, but PHY 201 is recommended.<br>• Explore research fields within physics. |
| PHY 252: Physics III (SQ) | 4 | C | |
| CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 345: Physical Chemistry I | 3 | C | • Gain research experience |
| BIO 360: Animal Physiology OR BIO 353: Cell Biology | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 346: Physical Chemistry II | 3 | C | • Use Handshake to research employment opportunities<br>• Start preparing for graduate school exams (GRE, physics subject test GRE, MCAT) |
| PHY 312: Mechanics and Electromagnetism | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 371: Driving Forces in Biology | 3 | C | • Develop your professional online presence |
| PHY 472: Advanced Biophysics Lab | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR PHY 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 473: From Molecules to Cells | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Elective | 1 | | |

Term hours subtotal: 13

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Chemistry, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACHMBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students placing into lower level math can still graduate in 4 years -- see an academic advisor for planning.<br>• Select your Career Interest Areas and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 4-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15-14 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Connect with a Career Advisor by registering for a Handshake account. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 4-3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-14 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | • Discuss study abroad opportunities with a School of Molecular Sciences advisor or an International Coordinator. |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 325: Analytical Chemistry OR BCH 361: Advanced Principles of Biochemistry | 3 | | • CHM 325 and CHM 326 are only offered in the Fall semester.<br>• Create a first draft resume.<br>• This is an ideal semester to study abroad. CHM 325 and CHM 326 may be taken in Term 7. |
| CHM 326: Advanced Analytical Chemistry Laboratory OR BCH 367: Elementary Biochemistry Laboratory | 1 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 341: Elementary Physical Chemistry | 3 | C | • Explore internship opportunities. |
| CHM 343: Elementary Physical Chemistry Laboratory | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 453: Inorganic Chemistry | 3 | C | • CHM 453 is only offered in the Fall semester.<br>• Apply for full-time career opportunities. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR CHM 484: Internship | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |

Term hours subtotal: 15

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CHM OR BCH Upper Division Elective | 3 | C | • Upper Division CHM or BCH Elective must be completed at the Tempe campus and cannot be met with BCH 341, BCH 371, BCH 372, or CHM 480.<br>• Students who choose the BCH 361/367 sequence should take CHM 325 as their major elective to ensure competitiveness in science industry careers. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 4 | | |
| Elective | 2-4 | | |
| Term hours subtotal: | 15-17 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Chemistry, BA

School/College: The College of Liberal Arts and Sciences
Location:
LACHMBA

and

# Secondary Education, BAE

Mary Lou Fulton Teachers College
TESEDBAE

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your Career Interest Communities and play me3@ASU. |
| MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences OR TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Connect with a Career Advisor by registering for a Handshake account. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

Term hours subtotal: 17-18

| Term 3 31 - 49 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | • Discuss study abroad opportunities with a School of Molecular Sciences advisor or an International Coordinator. |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 18 | | |

| Term 4 49 - 64 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) | 3 | C | • Teachers College Requirement: Apply for an **Identity Verified Print** (IVP) DPS fingerprint clearance card.<br>• Build your professional connections -- join the ASU Mentor Network. |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 15 | | |

| Term 5 64 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 325: Analytical Chemistry | 3 | C | • Meet with Teachers College advisor to complete paperwork needed to start education program. Call 480.965.5555 to schedule appointment by recommended deadline of September 15.<br>• CHM 325 and CHM 326 are only offered in the Fall semester.<br>• Create a first draft resume. |
| CHM 326: Advanced Analytical Chemistry Laboratory | 1 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 6 78 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 341: Elementary Physical Chemistry | 3 | C | |

| | | | |
|---|---|---|---|
| ★ CHM 480: Methods of Teaching Chemistry | 3 | C | • During your clinical experience internship, you will work alongside an intern mentor teacher in a 6-12th grade classroom. You will be required to complete 75 hours over 12 weeks. Reliable transportation is important.<br>• Use Handshake to research employment opportunities. |
| ★ SED 397: Clinical Experience II | 1 | C | |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| CHM 343: Elementary Physical Chemistry Laboratory | 1 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| **Term 7 92 - 108 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ CHM 453: Inorganic Chemistry | 3 | C | • During your clinical experience internship, you will work alongside an intern mentor teacher in a 6-12th grade classroom. You will be required to complete 75 hours over 12 weeks. Reliable transportation is important.<br>• Apply for full-time career opportunities.<br>• Students seeking teacher certification must pass state educator exams. Please speak with your education advisor to plan appropriately.<br>• CHM 453 is only offered in the Fall semester. |
| ★ SED 482: Science Teaching Methods for Secondary Schools | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) AND Historical Awareness (H) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 8 108 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) OR Upper Division Non-Teacher Certification Track | 12 | C | • If you choose not to participate in student teaching, select 12 hours from the non-certification track group below. Without student teaching, you will not be qualified for Arizona Department of Education Secondary Education Certification, but you will still earn a degree in Secondary Education. You may be eligible for an Arizona Subject Matter Expert credential. Please consult with your education advisor and the Arizona Department of Education for clarification. We highly encourage all students to complete student teaching. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Non-Teacher Certification Track |
|---|
| ECS Upper Division Elective |
| EDP Upper Division Elective |
| EDT Upper Division Elective |
| SCN Upper Division Elective |
| SED Upper Division Elective |
| SPE Upper Division Elective |

SPF Upper Division Elective

TEL Upper Division Elective

USL Upper Division Elective

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Chemistry, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LACHMBA

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your Career Interest Areas and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | | • View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Connect with a Career Advisor by registering for a Handshake account. |
| MAT 266: Calculus for Engineers II (MA) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 35 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| PHY 111: General Physics (SQ) | 3 | C |
| PHY 113: General Physics Laboratory (SQ) | 1 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Term hours subtotal: | 8 | |

- ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
- Discuss study abroad opportunities with a School of Molecular Sciences advisor or an International Coordinator.

| Term 3 - B 35 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) | 3 | C | |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 8 | | |

| Term 4 - A 43 - 50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 50 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 234: General Organic Chemistry II | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Summer 4 57 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | • ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Term hours subtotal: | 2 | | |

| Term 5 - A 59 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 341: Elementary Physical Chemistry | 3 | C | • Create a first draft resume. |
| CHM 343: Elementary Physical Chemistry Laboratory | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 66 - 74 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Upper Division Elective | 3 | |
| Elective | 2 | |
| Term hours subtotal: | 8 | |

| Term 6 - A 74 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BCH 361: Advanced Principles of Biochemistry | 3 | C | • Explore internship opportunities. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 80 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 4 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 7 | | |

| Summer 6 87 - 88 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BCH 367: Elementary Biochemistry Laboratory | 1 | C | • ASU Online students will complete all experiments for the Biochemistry lab at the ASU Tempe campus in a compressed format in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| Term hours subtotal: | 1 | | |

| Term 7 - A 88 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 8 | | |

| Term 7 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CHM OR BCH Upper Division Elective ( CHM 325 recommended) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 102 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CHM 453: Inorganic Chemistry | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |

Term hours subtotal: 9

Hide Course List(s)/Track Group(s)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Chemistry, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACHMBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your Career Interest Areas and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 4-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15-14 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | • Connect with a Career Advisor by registering for a Handshake account. |
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 4-3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-14 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | • Build your professional connections -- join the ASU Mentor Network. |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA) | 4-3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15-14 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 240: Mathematical Methods in Chemistry (CS) | 3 | C | • CHM 240 is only offered in the Spring semester.<br>• Transfer students may need to take MAT 274 or MAT 275 (Differential Equations) and MAT 242 (Linear Algebra) in place of the 5 units of "electives" in Term 4. These courses will allow the student to meet Term 4 critical tracking and the enrollment requirements/pre-requisites for CHM 345 in Term 5. Will still need substitution course; discuss options with major advisor. |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:* Elective | 5 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 345: Physical Chemistry I | 3 | C | • CHM 325, CHM 326, CHM 345, and CHM 348 are only offered in the Fall semester.<br>• Create a first draft resume. |
| CHM 325: Analytical Chemistry | 3 | C | |
| CHM 326: Advanced Analytical Chemistry Laboratory | 1 | C | |
| CHM 348: Physical Chemistry Laboratory I (L) | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 346: Physical Chemistry II | 3 | C | • CHM 327, CHM 328, CHM 346, and CHM 349 are only offered in the Spring semester.<br>• Explore internship opportunities. |
| CHM 327: Instrumental Analysis | 3 | C | |
| CHM 328: Instrumental Analysis Laboratory | 2 | C | |
| CHM 349: Physical Chemistry Laboratory II (L) | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 89 - 104 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 453: Inorganic Chemistry | 3 | C | • CHM 453 is only offered in the Fall semester.<br>• Upper Division CHM or BCH Elective must be completed at the Tempe campus and cannot be met with BCH 341, BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, or CHM 480.<br>• Apply for full-time career opportunities. |
| CHM OR BCH Upper Division Elective | 3 | C | |
| Science and Society Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR CHM 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ CHM 452: Inorganic Chemistry Laboratory (L) | 1 | C | • CHM 452 and CHM 460 are only offered in the Spring semester. |
| CHM 460: Biological Chemistry | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Chemistry (Environmental Chemistry), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACHMEBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your Career Interest Areas and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 4-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15-14 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | • Connect with a Career Advisor by registering for a Handshake account. |
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 4-3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-14 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA) | 4-3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15-14 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 240: Mathematical Methods in Chemistry (CS) | 3 | C | • CHM 240 is only offered in the Spring semester.<br>• Transfer students may need to take MAT 274 or MAT 275 (Differential Equations) and MAT 242 (Linear Algebra) in place of the 5 units of "electives". These two courses will allow the student to meet Term 4 critical tracking and the enrollment requirements/pre-requisites for CHM 345 in Term 5. Will still require a substitution; discuss options with major advisor. |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:*<br>Elective | 5 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 302: Environmental Chemistry | 3 | C | • CHM 302, CHM 345, and CHM 348 are only offered in the Fall semester.<br>• Create a first draft resume. |
| CHM 345: Physical Chemistry I | 3 | C | |
| CHM 348: Physical Chemistry Laboratory I (L) | 1 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GLG 321: Mineralogy | 3 | C | • CHM 303 and GLG 321 are only offered in the Spring semester.<br>• Explore internship opportunities. |
| CHM 303: Environmental Chemistry Laboratory (L) | 2 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 90 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 325: Analytical Chemistry | 3 | C | • CHM 325 and CHM 326 are only offered in the Fall semester and must be taken on the Tempe campus.<br>• Apply for full-time career opportunities. |
| CHM 326: Advanced Analytical Chemistry Laboratory | 1 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR CHM 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ CHM 481: Geochemistry | 3 | C | • CHM 481 is only offered in the Spring semester. |
| BCH 361: Advanced Principles of Biochemistry | 3 | C | |
| BCH 367: Elementary Biochemistry Laboratory | 1 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 7 | | |
| Term hours subtotal: | 14 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Civic and Economic Thought and Leadership, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACELBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEL 100: Great Ideas of Politics and Ethics (HU) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest area and play me3@ASU.<br>• Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEL 200: Great Debates in American Politics (HU) | 3 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEL Elective | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 14 | |

| Term 4 44 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • See your academic advisor to explore internship opportunities.<br>• Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 17 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEL 300: Debating Capitalism | 3 | C | • CEL 499 and additional CEL 484 internship hours may be used to satisfy the CEL elective requirement.<br>• Explore graduate programs with faculty and your advisor. |
| Upper Division Related Area Electives | 3 | C | |
| Upper Division American Political Thought | 3 | C | |
| CEL Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Moral and Political Thought | 3 | C | • Develop your professional online presence.<br>• Use Handshake to research employment opportunities. |
| CEL 484: Internship | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Leadership in the 21st Century | 3 | C | • Gather online references.<br>• Update and polish your resume.<br>• Apply to graduate programs. |
| CEL 475: Statesmanship and American Grand Strategy (HU) | 3 | C | |
| CEL Upper Division Elective | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEL 485: Capstone Seminar in Civic and Economic Thought and Leadership | 3 | C | • Complete an in person or virtual practice interview.<br>• Apply for full-time career opportunities. |
| Upper Division Political Economy and Economic Thought | 3 | C | |

| | | |
|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| *Complete 2 courses:*<br>Elective | 5 | |
| | Term hours subtotal: | 14 |

Hide Course List(s)/Track Group(s)

| Moral and Political Thought |
|---|
| CEL 305: Classical Political Philosophy and Statesmanship: The Greeks |
| CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty |
| CEL 394: Democracies in Crisis |
| CEL 394: Justice and Virtue |
| CEL 394: Theories of Democratic Citizenship |
| CEL 494: Political Thought: Islam, Hinduism, Confucianism |
| CEL 494: Politics & Literature/Shakespeare Prince |

| American Political Thought |
|---|
| CEL 394: Liberalism and Conservatism in America |
| CEL 394: Lincoln: Rhetoric, Thought, Statesmanship |
| CEL 394: Political Thought & Leadership of James Madison |
| CEL 394: Tocqueville on Liberty, Equality and Democracy |
| CEL 494: Civil Liberties and Rights |
| CEL 494: Law of the Constitution: Governments & Powers |

| Political Economy and Economic Thought |
|---|
| CEL 345: Modern Economic Classics |
| CEL 394: The American Political Economy |
| CEL 394: Classical to Modern Economic Thought |
| CEL 394: Entrepreneurialism and Innovation |
| CEL 494: Adam Smith and Classical Political Economy |

| Leadership in the 21st Century |
|---|
| CEL 375: Politics and Leadership in the Age of Revolutions, 1776-1826 |
| CEL 394: Ideologicl Origns Anglo-Am Librty: 4 Mod Revolutns |
| CEL 394: Left and Right Around the World |
| CEL 494: National Security Policy Design |
| CEL 494: Political Leadership and Statesmanship |

| Related Area Electives |
|---|
| AFR Upper Division Elective |
| COM Upper Division Elective |
| ECN Upper Division Elective |
| HON Upper Division Elective |
| HST Upper Division Elective |
| JUS Upper Division Elective |
| PHI Upper Division Elective |
| POS Upper Division Elective |
| SGS Upper Division Elective |
| SOS Upper Division Elective |

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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Civic and Economic Thought and Leadership, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACETLBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEL 100: Great Ideas of Politics and Ethics (HU) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU.<br>• Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEL 200: Great Debates in American Politics (HU) | 3 | C | • Network in your career interest area<br>• Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEL Elective | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Elective | 6 | | • See your academic advisor to explore internship opportunities.<br>• Secure a part-time job or volunteer experience. |
| Science and Society Elective | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEL 300: Debating Capitalism | 3 | C | • CEL 499 and additional CEL 484 internship hours may be used to satisfy the CEL elective requirement.<br>• Explore graduate programs with faculty and your advisor. |
| Upper Division Moral and Political Thought | 3 | C | |
| CEL 484: Internship | 3 | Y | |
| Upper Division Related Area Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 301: Empirical Political Inquiry (SB) OR SGS 305: Empirical Political Inquiry (SB) | 3 | C | • Develop your professional online presence.<br>• Use Handshake to research employment opportunities. |
| Upper Division American Political Thought | 3 | C | |
| Upper Division Related Area Electives | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEL 475: Statesmanship and American Grand Strategy (HU) | 3 | C | • Gather professional references.<br>• Update and polish your resume.<br>• Apply to graduate programs. |
| POS 401: Political Statistics (CS) OR SGS 401: Political Statistics (CS) | 3 | C | |
| Upper Division Leadership in the 21st Century | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CEL 485: Capstone Seminar in Civic and Economic Thought and Leadership | 3 | C | • Complete an in person or virtual practice interview.<br>• Apply for full-time career opportunities. |
| Upper Division Poltical Economy amd Economic Thought | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Moral and Political Thought |
| --- |
| CEL 305: Classical Political Philosophy and Statesmanship: The Greeks |
| CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty |
| CEL 394: Democracies in Crisis |
| CEL 394: Justice and Virtue |
| CEL 394: Theories of Democratic Citizenship |
| CEL 494: Political Thought: Islam, Hinduism, Confucianism |
| CEL 494: Politics & Literature/Shakespeare Prince |

| American Political Thought |
| --- |
| CEL 394: Liberalism and Conservatism in America |
| CEL 394: Lincoln: Rhetoric, Thought, Statesmanship |
| CEL 394: Political Thought & Leadership of James Madison |
| CEL 394: Tocqueville on Liberty, Equality and Democracy |
| CEL 494: Civil Liberties and Rights |
| CEL 494: Law of the Constitution: Governments & Powers |

| Political Economy and Economic Thought |
| --- |
| CEL 345: Modern Economic Classics |
| CEL 394: The American Political Economy |
| CEL 394: Classical to Modern Economic Thought |
| CEL 394: Entrepreneurialism and Innovation |
| CEL 494: Adam Smith and Classical Political Economy |

| Leadership in the 21st Century |
| --- |
| CEL 375: Politics and Leadership in the Age of Revolutions, 1776-1826 |
| CEL 394: Ideologicl Origns Anglo-Am Librty: 4 Mod Revolutns |
| CEL 394: Left and Right Around the World |
| CEL 494: National Security Policy Design |
| CEL 494: Political Leadership and Statesmanship |

| Related Area Electives |
| --- |
| AFR Upper Division Elective |
| COM Upper Division Elective |
| ECN Upper Division Elective |
| HON Upper Division Elective |
| HST Upper Division Elective |
| JUS Upper Division Elective |
| PHI Upper Division Elective |
| POS Upper Division Elective |
| SGS Upper Division Elective |
| SOS Upper Division Elective |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Communication, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACOMBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest area and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization<br>• Activate your Handshake account and build out your profile.<br>• Create a first draft resume |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 207: Introduction to Communication Inquiry | 3 | C | • Develop your skills<br>• Build your professional connections - join the ASU Mentor Network |
| COM 225: Public Speaking (L) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 17 | |

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 308: Advanced Research Methods in Communication (L) | 3 | C | • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• Explore an internship |
| COM Elective | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 2 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>COM 110: Elements of Interpersonal Communication (SB) or COM 310: Relational Communication (SB) OR COM 250: Communication and the Workplace (SB) OR COM 241: Introduction to Oral Interpretation (L or HU) OR COM 263: Elements of Intercultural Communication (SB & C & G) OR COM 321: Rhetorical Theory and Research ((L or HU) & H) | 6 | C | • Majors will select two Areas of Emphasis from the five available options and complete both required courses in each of the two chosen areas. The first required course from the two selected areas should be completed in term 5 and the second required course in each selected area should be completed in term 6.<br>• Develop your professional online presence. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective OR COM 484: Internship | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 407: Advanced Critical Methods in Communication | 3 | C | • Majors will select two Areas of Emphasis from the five available options and complete both required courses in each of the two chosen areas. The first required course from the two selected areas should be completed in term 5 and the second required course in each selected area should be completed in term 6.<br>• Use Handshake to research employment opportunities. |
| *Complete 2 courses:*<br>COM 410: Interpersonal Communication Theory and Research (SB) OR COM 421: Rhetoric of Social Issues (HU) OR COM 442: Identity, Performance, and Human Communication OR COM 450: Organizational Communication (SB) OR COM 463: Intercultural Communication in a Global Context (SB & G) | 6 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* COM Upper Division Elective | 6 | C | • Select COM courses in consultation with academic advisor<br>• It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6.<br>• Apply for full-time career opportunities |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM Upper Division Elective | 3 | C | • It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6. |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- Majors will select two out of five Areas of Emphasis and complete both required courses in each of the two chosen areas. Emphasis areas include Communication and Healthy Relating; Workplace, Organizational, and Leadership Communication; Civility, Advocacy, and Engaging Publics; Communication, Creativity, and Performance; and Communication Across Cultures. The required course sequence for each area is listed at the top of each track list below.
- In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

| Civility, Advocacy and Engaging Publics | Communication, Creativity and Performance | Workplace, Organizational and Leadership Communication |
|---|---|---|
| COM 321: Rhetorical Theory and Research ((L or HU) & H) AND COM 421: Rhetoric of Social Issues (HU) | COM 241: Introduction to Oral Interpretation (L or HU) AND COM 442: Identity, Performance, and Human Communication | COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB) |
| Electives: | Electives: | Electives: |
| COM 222: Argumentation (L) | COM 194: Communication and Creativity | COM 230: Small Group Communication (SB) |
| COM 316: Gender and Communication (SB & C) | COM 281: Communication Activities | COM 259: Communication in Business and the Professions |
| COM 320: Communication and Consumerism (SB) | COM 341: Social Contexts for Performance | COM 312: Communication, Conflict, and Negotiation |
| COM 323: Communication Approaches to Popular Culture (C) | COM 441: Performance Studies (HU) | COM 319: Persuasion and Social Influence (SB) |
| COM 325: Advanced Public Speaking and Presentations (L) | COM 445: Narrative Performance (HU) | COM 377: Communication, Terrorism, and National Security |
| COM 326: Court Room Oratory | COM 446: Performance of Literature Written by Women ((L or HU) & C) | COM 394: Communication, Culture, and New Media Technologies |
| COM 327: Civil Communication | | |
| COM 426: Political Communication (SB) | | |

| | | |
|---|---|---|
| | | COM 400: Intercultural Business Communication (HU & C) |
| | | COM 414: Crisis Communication |
| | | COM 430: Leadership in Group Communication |
| | | COM 452: Communication and the Art of Happiness |
| | | COM 453: Communication Training and Development |

| Communication and Healthy Relating | Communication Across Cultures |
|---|---|
| COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) | COM 263: Elements of Intercultural Communication (SB & C & G) AND COM 463: Intercultural Communication in a Global Context (SB & G) |
| Electives: | Electives: |
| COM 230: Small Group Communication (SB) | COM 317: Nonverbal Communication (SB) |
| COM 263: Elements of Intercultural Communication (SB & C & G) | COM 327: Civil Communication |
| COM 310: Relational Communication (SB) | COM 394: Communication, Culture, and New Media Technologies |
| COM 312: Communication, Conflict, and Negotiation | COM 442: Identity, Performance, and Human Communication |
| COM 316: Gender and Communication (SB & C) | COM 465: Intercultural Communication Workshop |
| COM 317: Nonverbal Communication (SB) | COM 494: Communication in Multi-National Organizations |
| COM 327: Civil Communication | COM 494: Conflict and Intercultural Dialogue |
| COM 411: Communication in the Family (SB) | |
| COM 452: Communication and the Art of Happiness | |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Communication, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LACOMBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students<br>• Select your career interest area and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| ASU 101-LA: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) ( MAT 142 recommended) | 3 | C | • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Activate your Handshake account and build out your profile. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Create a first draft resume |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 34 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| COM 207: Introduction to Communication Inquiry | 3 | C | • Develop your skills |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 41 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 308: Advanced Research Methods in Communication (L) | 3 | C | • Contact Career and Professional Development Services and speak with a career advisor for assistance with career planning and networking. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 47 - 54 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | • Explore an internship |
| Natural Science - Quantitative (SQ) | 4 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 54 - 60 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>COM 110: Elements of Interpersonal Communication (SB) or COM 310: Relational Communication (SB) OR COM 250: Communication and the Workplace (SB) | 6 | C | • Students will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in Term 5 (either COM 110 or 310, and COM 250), and the second course from each area should be completed in Term 6.<br>• Develop your professional online presence. |
| Term hours subtotal: | 6 | | |

| Term 5 - B 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 66 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* | | | |

| | | | |
|---|---|---|---|
| ★ COM 410: Interpersonal Communication Theory and Research (SB) OR COM 450: Organizational Communication (SB) | 6 | C | • Students will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in Term 5, and the second course from each area should be completed in term 6.<br>• Use Handshake to research employment opportunities. |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM 407: Advanced Critical Methods in Communication | 3 | C | • Select COM electives in conjunction with academic advisor.<br>• COM electives should be chosen from the two Areas of Emphasis course lists provided below.<br>• Draft or update your resume. |
| ★ COM Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 85 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM Upper Division Elective | 3 | C | • Upper division COM electives should be chosen from the two Areas of Emphasis course lists provided below. |
| Upper Division Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM Upper Division Elective | 3 | C | • Upper division COM electives should be chosen from the two Areas of Emphasis Elective course lists provided below.<br>• Apply for full-time career opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 97 - 103 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 103 - 109 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM Upper Division Elective | 3 | C | • Upper division COM electives should be chosen from the two Areas of Emphasis course lists provided below. |
| Upper Division Elective | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 9 - B 109 - 115 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 115 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:*<br>Elective | 5 | | |
| Term hours subtotal: | 5 | | |

- In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

| Workplace, Organizational and Leadership Communication |
|---|
| COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB) |
| Electives: |
| COM 230: Small Group Communication (SB) |
| COM 259: Communication in Business and the Professions |
| COM 312: Communication, Conflict, and Negotiation |
| COM 319: Persuasion and Social Influence (SB) |
| COM 400: Intercultural Business Communication (HU & C) |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |

| Communication and Healthy Relating |
|---|
| COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) |
| Electives: |
| COM 230: Small Group Communication (SB) |
| COM 263: Elements of Intercultural Communication (SB & C & G) |
| COM 310: Relational Communication (SB) |
| COM 312: Communication, Conflict, and Negotiation |
| COM 316: Gender and Communication (SB & C) |
| COM 327: Civil Communication |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Communication, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACOMBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest area and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization<br>• Activate yourHandshake account and build out your profile.<br>• Create a first draft resume |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 207: Introduction to Communication Inquiry | 3 | C | • Develop your skills<br>• Build your professional connections - join the ASU Mentor Network |
| COM 225: Public Speaking (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Minimum 2.00 GPA ASU Cumulative. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 308: Advanced Research Methods in Communication (L) | 3 | C | • All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found here. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.<br>• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• Explore an internship |
| Science and Society Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>COM 110: Elements of Interpersonal Communication (SB) or COM 310: Relational Communication (SB) OR COM 241: Introduction to Oral Interpretation (L or HU) OR COM 250: Communication and the Workplace (SB) OR COM 263: Elements of Intercultural Communication (SB & C & G) OR COM 321: Rhetorical Theory and Research ((L or HU) & H) | 6 | C | • All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found here. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.<br>• Majors will select two Areas of Emphasis from five available options and complete both required courses in each of the two chosen areas. The first course from each selected area should be completed in term 5 and the second course from each selected area should be completed in term 6.<br>• Develop your professional online presence |
| Upper Division Science and Society Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective OR COM 484: Internship | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 408: Quantitative Research Methods in Communication | 3 | C | • Majors will select two Areas of Emphasis from five available options and complete both required courses in each of the two chosen areas. The first course from each selected area should be completed in term 5 and the second course from each selected area should be completed in term 6.<br>• Use Handshake to research employment opportunities |
| *Complete 2 courses:*<br>COM 410: Interpersonal Communication Theory and Research (SB) OR COM 421: Rhetoric of Social Issues (HU) OR COM 442: Identity, Performance, and Human Communication OR COM 450: Organizational Communication (SB) OR COM 463: Intercultural Communication in a Global Context (SB & G) | 6 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | | | |
|---|---|---|---|
| Minimum 2.00 GPA ASU Cumulative. | | | |
| | Term hours subtotal: | 15 | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM Elective | 3 | C | • Select COM courses in conjunction with academic advisor<br>• It is recommended that upper division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6.<br>• Apply for full-time career opportunities |
| COM Upper Division Elective | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* COM Upper Division Elective | 6 | C | • It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6. |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Majors will select two out of five Areas of Emphasis and complete both required courses in each of the two chosen areas. Emphasis areas include Communication and Healthy Relating; Workplace, Organizational, and Leadership Communication; Civility, Advocacy, and Engaging Publics; Communication, Creativity, and Performance; and Communication Across Cultures. The required course sequence for each area is listed at the top of each track list below. In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but it cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

| Civility, Advocacy and Engaging Publics | Communication, Creativity and Performance | Workplace, Organizational and Leadership Communication |
|---|---|---|
| COM 321: Rhetorical Theory and Research ((L or HU) & H) AND COM 421: Rhetoric of Social Issues (HU) | COM 241: Introduction to Oral Interpretation (L or HU) AND COM 442: Identity, Performance, and Human Communication | COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB) |
| Electives: | Electives: | Electives: |
| COM 222: Argumentation (L) | COM 194: Communication and Creativity | COM 230: Small Group Communication (SB) |
| COM 316: Gender and Communication (SB & C) | COM 281: Communication Activities | COM 259: Communication in Business and the Professions |
| COM 320: Communication and Consumerism (SB) | COM 341: Social Contexts for Performance | COM 312: Communication, Conflict, and Negotiation |
| | COM 441: Performance Studies (HU) | |
| | COM 445: Narrative Performance (HU) | |

COM 323: Communication Approaches to Popular Culture (C)

COM 325: Advanced Public Speaking and Presentations (L)

COM 326: Court Room Oratory

COM 327: Civil Communication

COM 426: Political Communication (SB)

COM 446: Performance of Literature Written by Women ((L or HU) & C)

COM 319: Persuasion and Social Influence (SB)

COM 377: Communication, Terrorism, and National Security

COM 394: Communication, Culture, and New Media Technologies

COM 400: Intercultural Business Communication (HU & C)

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 452: Communication and the Art of Happiness

COM 453: Communication Training and Development

Communication and Healthy Relating

COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB)

Electives:

COM 230: Small Group Communication (SB)

COM 263: Elements of Intercultural Communication (SB & C & G)

COM 310: Relational Communication (SB)

COM 312: Communication, Conflict, and Negotiation

COM 316: Gender and Communication (SB & C)

COM 317: Nonverbal Communication (SB)

COM 327: Civil Communication

COM 411: Communication in the Family (SB)

COM 452: Communication and the Art of Happiness

Communication Across Cultures

COM 263: Elements of Intercultural Communication (SB & C & G) AND COM 463: Intercultural Communication in a Global Context (SB & G)

Electives:

COM 317: Nonverbal Communication (SB)

COM 327: Civil Communication

COM 394: Communication, Culture, and New Media Technologies

COM 442: Identity, Performance, and Human Communication

COM 465: Intercultural Communication Workshop

COM 494: Communication in Multi-National Organizations

COM 494: Conflict and Intercultural Dialogue

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Communication, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LACOMBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) | 3 | C | • ASU 101 or College specific equivalent First Year Seminar is required for all first-year students<br>• Select your career interest area and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| ASU 101-LA: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) ( MAT 142 recommended) | 3 | C | • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Activate your Handshake account and build out your profile. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Elective | 6 | | • Create a first draft resume |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| COM 207: Introduction to Communication Inquiry | 3 | C | • Develop your skills |
| COM 225: Public Speaking (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 308: Advanced Research Methods in Communication (L) | 3 | C | • Contact Career and Professional Development Services and speak with a career advisor for assistance with career planning and networking. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | • Explore an internship |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* COM 110: Elements of Interpersonal Communication (SB) or COM 310: Relational Communication (SB) AND COM 250: Communication and the Workplace (SB) | 6 | C | • Majors will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in term 5 and the second course from each area should be completed in term 6.<br>• Develop your professional online presence |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Science and Society Elective | 3 | C | • All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found here. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>★ COM 410: Interpersonal Communication Theory and Research (SB) AND COM 450: Organizational Communication (SB) | 6 | C | • Majors will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in term 5 and the second course from each area should be completed in term 6.<br>• Use Handshake to research employment opportunities |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM 408: Quantitative Research Methods in Communication | 3 | C | • All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found here. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.<br>• Draft or update your resume |
| Upper Division Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM Elective | 3 | C | • Select COM courses in conjunction with academic advisor.<br>• Lower division COM electives should be chosen from the two Areas of Emphasis Elective course lists provided below. |
| Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM Upper Division Elective | 3 | C | • Upper division COM electives should be chosen from the two Areas of Emphasis Elective course lists provided below.<br>• Apply for full-time career opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM Upper Division Elective | 3 | C | • Upper division COM electives should be chosen from the two Areas of Emphasis Elective course lists provided below. |
| Upper Division Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ COM Upper Division Elective | 3 | C | • Upper division COM electives should be chosen from the two Areas of Emphasis Elective course lists provided below. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Elective | 3 | | |
| Term hours subtotal: | 3 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

| Communication and Healthy Relating | Workplace Organizational and Leadership Communication |
|---|---|
| COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational | COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB) |

| | |
|---|---|
| Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) | Electives: |
| Electives: | COM 230: Small Group Communication (SB) |
| COM 230: Small Group Communication (SB) | COM 259: Communication in Business and the Professions |
| COM 263: Elements of Intercultural Communication (SB & C & G) | COM 312: Communication, Conflict, and Negotiation |
| COM 310: Relational Communication (SB) | COM 319: Persuasion and Social Influence (SB) |
| COM 312: Communication, Conflict, and Negotiation | COM 400: Intercultural Business Communication (HU & C) |
| COM 316: Gender and Communication (SB & C) | COM 414: Crisis Communication |
| COM 327: Civil Communication | COM 430: Leadership in Group Communication |
| | COM 453: Communication Training and Development |

**Notes:**

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  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Computational Mathematical Sciences, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LACMSBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest area and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Elective | 3 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation.<br>• Join a student club or professional organization, like Math Club |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Science Sequence Course AND Natural Science - Quantitative (SQ) | 4 | C | |
| Literacy and Critical Inquiry (L) ( PHI 103 recommended) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Minimum 2.00 GPA in MAT and STP. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 240: Introduction to Programming Languages | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation<br>• Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU) |
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Minimum 2.00 GPA in MAT and STP. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 300: Mathematical Structures (L) | 3 | C | • Minimum grade of C required in all MAT classes; grade of B or better strongly correlated with timely graduation<br>• Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.<br>• Develop professional skills<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| Science Sequence Course AND Natural Science - Quantitative (SQ) or Natural Science - General (SG) | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 370: Intermediate Calculus OR MAT 371: Advanced Calculus I | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation<br>• Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.<br>• Develop your professional online presence.<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| MAT 420: Scientific Computing | 3 | C | |
| Science Sequence Course | 4 | C | |
| Elective | 4 | | |
| Minimum 2.00 GPA in MAT and STP. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 421: Applied Computational Methods (CS) | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.<br>• Meet with a career counselor from ASU Career Services for a review of your resume and interviewing tips for success. |
| Science Sequence Course | 4 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.00 GPA in MAT and STP. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Internship/Research/Advanced Science Course | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| Upper Division Advanced Courses | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA in MAT and STP. | | | |

| | | | |
|---|---|---|---|
| | Term hours subtotal: | 15 | • Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.<br>• Gather professional references. |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:*<br>Upper Division Advanced Courses | 6 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.<br>• Meet with your academic advisor for final degree check and apply for graduation through your My ASU. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Minimum 2.00 GPA in MAT and STP. | | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The Computational Mathematical Sciences degree requires students to select and complete two 1-year lecture and lab combinations. Upon advisor approval, two advanced courses for which the first 1-year science and lab sequence is a prerequisite may be substituted for the second 1-year science and lab sequence.

Hide Course List(s)/Track Group(s)

| Science Sequence Courses | Internship, Research, or Advanced Science | Advanced Courses |
|---|---|---|
| AST 111: Introduction to Solar Systems Astronomy (SQ) AND AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) or AST 321: Introduction to Planetary and Stellar Astrophysics AND AST 322: Introduction to Galactic and Extragalactic Astrophysics AND BIO 182: General Biology II (SG) | AST Upper Division Elective | DAT 401: Statistical Modeling and Inference for Data Science |
| CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ) | BIO 320: Fundamentals of Ecology | DAT 402: Statistical Learning |
| CHM 114: General Chemistry for Engineers (SQ) AND CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | BME Upper Division Elective | MAT 415: Introduction to Combinatorics |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) AND GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) | CEE Upper Division Elective | MAT 416: Graph Theory |
| | CHE Upper Division Elective | MAT 419: Introduction to Linear Optimization (CS) |
| | CHM Upper Division Elective | MAT 423: Numerical Analysis I (CS) |
| | CIS Upper Division Elective | MAT 425: Numerical Analysis II (CS) |
| | CSE Upper Division Elective | MAT 447: Cryptography I |
| | EEE Upper Division Elective | MAT 448: Cryptography II |
| | GLG 305: Dynamic Earth | MAT 451: Mathematical Modeling (CS) |
| | GLG 321: Mineralogy | MAT 452: Introduction to Chaos and Nonlinear Dynamics |
| | GLG 362: Geomorphology | MAT 461: Applied Complex Analysis |
| | GLG 4** Elective | |
| | IEE Upper Division Elective | |

| | | |
|---|---|---|
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) AND PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | MAE Upper Division Elective | MAT 462: Applied Partial Differential Equations |
| PHY 150: Physics I (SQ) AND PHY 151: Physics II (SQ) | MAT 484: Internship | MAT 475: Differential Equations |
| | MAT 493: Honors Thesis (L) | MAT 476: Partial Differential Equations |
| | MAT 495: Undergraduate Research | STP 420: Introductory Applied Statistics (CS) |
| | MIC Upper Division Elective | STP 421: Probability |
| | MSE Upper Division Elective | STP 425: Stochastic Processes |
| | PHI 413: Advanced Symbolic Logic | STP 427: Mathematical Statistics |
| | PHY Upper Division Elective | STP 429: Applied Regression (CS) |
| | PLB Upper Division Elective | |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Data Science, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LADATSCIBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.<br>• Students who complete MAT 270 must also complete MAT 271 in Term 2. Students who complete MAT 265 must also complete MAT 266 in Term 2.<br>• It is highly recommended that students work with both an academic advisor from the School of Mathematical and Statistical Sciences and an assigned advisor affiliated with their chosen track.<br>• Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 4-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 15-14 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Students who complete MAT 270 must also complete MAT 271. Students who complete MAT 265 must also complete MAT 266.<br>• Some upper-division track courses require prerequisites. It is recommended that students consult with their advisors and use electives to complete appropriate course prerequisites.<br>• Create a first draft resume. |
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 4-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3-4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DAT 250: Data Science and Society | 3 | C | • Students must choose and complete a minimum of 21 credit hours in their selected track. Track options are Behavioral Sciences, Biosciences, |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:* | | | |

| | | |
|---|---|---|
| Elective | 5 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

Business Analytics, Computer Science, Mathematics, Social Sciences, or Spatial Sciences.

- Some track courses may require additional prerequisites, so students will work with an assigned academic advisor in their track as well as the School of Mathematical and Statistical Sciences to select electives to satisfy necessary prerequisites.

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DAT 300: Mathematical Tools for Data Science | 3 | C | • Students pursuing the Computer Science track are advised to take CSE 220 this term due to pre-requisite requirements in future terms.<br>• Explore an internship. |
| Required Track Courses | 3-4 | C | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DAT 301: Exploring Data in R and Python | 4 | C | • Students pursuing the Computer Science track are advised to take CSE 310 in this term due to pre-requisite requirements in future terms.<br>• Develop your professional online presence. |
| Upper Division Required Track Courses | 3-4 | C | |
| Required Track Courses | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 2-3 | | |
| Term hours subtotal: | 15-17 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DAT 401: Statistical Modeling and Inference for Data Science | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Required Track Courses | 6 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DAT 402: Statistical Learning OR CSE 475: Foundations of Machine Learning | 3 | C | • Students pursuing the Computer Science track are advised to enroll in CSE 475 rather than DAT 402. Students pursuing all other tracks are advised to enroll in DAT 402 in this term.<br>• Gather professional references. |
| Upper Division Required Track Courses | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DAT 490: Data Science Capstone (L) OR Disciplinary Capstone from selected track | 3-2 | C | |

| | |
|---|---|
| Social-Behavioral Sciences (SB) | 3 |
| Upper Division Literacy and Critical Inquiry (L) | 3 |
| *Complete 2 courses:*<br>Upper Division Elective | 5 |
| Term hours subtotal: | 14-13 |

- Students pursuing the Spatial Sciences track will complete a two credit hour capstone course, all other tracks require three credits of capstone coursework.
- Meet with your academic advisor for final degree check and apply for graduation through your My ASU.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Behavioral Sciences Track: In cooperation with an assigned academic advisor, students must complete five required courses from the initial group of courses displayed in the track and one additional required course from the remaining list. Students must also complete three credit hours in DAT 490 or a 400-level disciplinary capstone course drawn from the CDE, FAS, or PSY prefixes.
- Biosciences Track: Students are required to complete either BIO 439 or BIO/MBB 440 and three credit hours in the DAT 490 Data Science Capstone. An additional five courses (minimum of 15 credit hours) are chosen from the remaining track electives.
- Business Analytics Track: Students are to complete all courses in the track plus three credit hours of DAT 490 Data Science Capstone.
- Computer Science Track: In consultation with advisor, students must complete four required courses (12 credit hours) and pick two related courses (6 credit hours). In addition, they must complete three credit hours in the DAT 490 Data Science Capstone.
- Mathematics Track: Students are to complete MAT 267 and MAT 275. In cooperation with an academic advisor, students must also select four courses from the remaining courses in the track list below. In addition, students need to complete three credit hours in DAT 490 Data Science Capstone.
- Social Sciences Track: In consultation with an assigned academic advisor, students will select six courses for a minimum of 18 credit hours from the track list below, at least 12 credit hours of which must be upper-division. In addition, students must complete 3 credit hours in DAT 490 Data Science Capstone or a disciplinary-specific capstone course.
- Spatial Sciences Track: Students must complete all six courses listed in the track. In addition, they will complete two credit hours of DAT 490 Data Science Capstone or a 400-level GIS capstone course chosen in consultation with an assigned academic advisor.

Hide Course List(s)/Track Group(s)

| Behavioral Sciences Track | Biosciences Track | Business Analytics Track |
|---|---|---|
| **Complete five courses from list below:** | **Complete one course from list below:** | **Complete all courses below:** |
| CDE 232: Human Development (SB) or FAS 101: Personal Growth in Human Relationships (SB) or PSY 101: Introduction to Psychology (SB) | BIO 439: Computing for Research | CIS 235: Introduction to Information Systems |
| FAS 498: Advanced Statistics for Social Sciences or SOC 469: Multivariate Statistics for Social Sciences or GIS 469: Multivariate Statistics for Social Sciences or PSY 330: Statistical Methods (CS) | BIO 440: Functional Genomics or MBB 440: Functional Genomics | CIS 355: Business Data Warehouses and Dimensional Modeling |
| | **Choose five elective courses from list below:** | CIS 365: Business Database Systems Development |
| | BIO 355: Introduction to Computational Molecular Biology (CS) | CIS 375: Business Data Mining |
| | BIO 411: Quantitative Methods in Conservation and Ecology | CIS 415: Big Data Analytics in Business |

PSY 290: Research Methods (L or SG) or FAS 361: Research Methods (L or SB)

PSY 498: Data Mining in the Behavioral Sciences or STP 450: Nonparametric Statistics or STP 452: Multivariate Statistics

SOC 390: Social Statistics I (CS)

**Choose one elective course from list below:**

CDE 312: Adolescence (SB) or SOC 312: Adolescence (SB)

CDE 337: Early Childhood Intervention

CDE 418: Aging and the Life Course (SB & H) or SOC 418: Aging and the Life Course (SB & H)

CDE 430: Infant/Toddler Development in the Family (SB)

CDE 450: Child Dysfunction in the Family

FAS 301: Introduction to Parenting

FAS 332: Human Sexuality (SB)

FAS 440: Fundamentals of Marriage and Family Therapy

LSC 325: Physiological Psychology or PSY 325: Physiological Psychology or PTX 325: Physiological Psychology

PSY 315: Personality Theory and Research (SB)

PSY 320: Learning and Motivation

PSY 324: Memory and Cognition

PSY 341: Developmental Psychology (SB)

PSY 350: Social Psychology (SB)

BIO 415: Statistical Models for Biology (CS)

BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)

BIO 439: Computing for Research

BIO 440: Functional Genomics or MBB 440: Functional Genomics

BIO 494: Data Analysis in Neuroscience

WPC 300: Problem Solving and Actionable Analytics

Computer Science Track

**Complete four courses from list below:**

CSE 220: Programming for Computer Engineering or CSE 240: Introduction to Programming Languages

CSE 310: Data Structures and Algorithms

CSE 365: Information Assurance

MAT 243: Discrete Mathematical Structures

**Choose two elective courses from list below:**

CSE 450: Design and Analysis of Algorithms

CSE 467: Data and Information Security

Mathematics Track

**Complete both courses below:**

MAT 267: Calculus for Engineers III (MA)

MAT 275: Modern Differential Equations (MA)

**Choose four elective courses from list below:**

ACT 370: Software Tools for Business Analytics

ACT 435: Statistics for Risk Modeling

MAT 300: Mathematical Structures (L)

MAT 353: Mathematics and Cancer

Social Sciences Track

**Complete one course from list below:**

ECN 425: Introduction to Econometrics

POS 401: Political Statistics (CS) or SGS 401: Political Statistics (CS)

**Complete five courses from list below:**

ACO 100: All About Data: Design, Query, and Visualization (CS)

ALA 235: Introduction to Computer Modeling (CS)

AML 253: Introduction to Mathematical Tools and Modeling for the Life and Social Sciences

CSE 471: Introduction to Artificial Intelligence

CSE 476: Introduction to Natural Language Processing

MAT 419: Introduction to Linear Optimization (CS)

MAT 420: Scientific Computing

MAT 421: Applied Computational Methods (CS)

MAT 423: Numerical Analysis I (CS)

MAT 425: Numerical Analysis II (CS)

MAT 429: Optimization

MAT 451: Mathematical Modeling (CS)

MAT 452: Introduction to Chaos and Nonlinear Dynamics

STP 310: Design and Analysis of Experiments

STP 311: Regression and Time Series Analyses

STP 420: Introductory Applied Statistics (CS) or STP 427: Mathematical Statistics

STP 421: Probability

STP 429: Applied Regression (CS)

AML 441: Mathematical Concepts and Tools in Sustainability

ASB 230: Beginning Social Research

ASB 363: From Cells to Society: Understanding Complexity or BIO 363: From Cells to Society: Understanding Complexity

ASM 201: Epidemics and Outbreaks

ASM 494: Models in Social Evolution

BME 301: Numerical Methods in Biomedical Engineering

BMI 211: Modeling Biomedical Decisions

BMI 461: Advanced Topics in Biomedical Informatics I

BMI 462: Advanced Topics In Biomedical Informatics II

COM 308: Advanced Research Methods in Communication (L)

COM 407: Advanced Critical Methods in Communication

CRJ 303: Statistical Analysis (CS)

ECN 410: Applied Regression Analysis and Forecasting

ECN 416: Game Theory and Economic Behavior

ECN 441: Public Economics (SB)

ECN 445: Environmental Economics

ECN 470: Mathematical Economics

FAS 361: Research Methods (L or SB)

FAS 498: Advanced Statistics for Social Sciences

FIS 335: Designing Knowledge (SB)

FIS 403: Governing Emerging Technologies (SB)

GCU 325: Geography of Europe (SB & G)

GCU 351: Population Geography (SB & G)

GCU 357: Social Geography (SB)

GCU 361: Urban Geography (SB)

GCU 364: Energy in the Global Arena (SB & G)

GCU 426: Geography of Russia and Surroundings (SB & G)

ISS 415: Knowledge Management (SB)

MKT 352: Marketing Research (L)

PAF 471: Public Policy Analysis

POS 331: Public Opinion (SB)

POS 434: Media and Politics (SB)

PUP 424: Planning Methods

PUP 481: Fundamentals of Spatial Optimization

SBS 302: Qualitative Methods

SBS 304: Social Statistics I (CS)

SBS 389: Ethnographic Field Lab

SBS 404: Social Statistics II: Multivariate Analysis (CS)

SGS 305: Empirical Political Inquiry (SB) or POS 301: Empirical Political Inquiry (SB)

SOS 212: Systems, Dynamics and Sustainability

SOS 424: Dynamic Modeling in Social and Ecological Systems

SOS 441: Mathematical Concepts and Tools in Sustainability or AML 441: Mathematical Concepts and Tools in Sustainability

STP 310: Design and Analysis of Experiments

STP 311: Regression and Time Series Analyses

STP 452: Multivariate Statistics

TWC 411: Principles of Visual Communication (L)

Spatial Sciences Track

**Complete all four courses below:**

GIS 205: Geographic Information Science I (CS)

GIS 211: Geographic Information Science II (CS)

GIS 311: Geographic Information Science III (CS)

GIS 322: Programming Principles in GIS II

**Complete one course below:**

GIS 469: Multivariate Statistics for Social Sciences

| |
|---|
| GIS 470: Advanced Statistics for Geography and Planning (CS) |
| GIS 471: Spatial Statistics for Geography and Planning |
| **Complete one course below:** |
| GIS 202: Drones to Satellites: Observing Earth from Above |
| GIS 451: Geodesign and Urban Planning |
| GIS 494: GIS and Public Health |
| GIS 494: GIS for Climate Change Science |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Data Science, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LADATSCIBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your Career Interest Communities and play me3@ASU. |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • View ASU Online first-year student registration information here. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | • Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 20 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | • Some upper-division track courses require prerequisites. It is recommended that students consult with their advisors and use electives to complete appropriate course prerequisites. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 3 - A 29 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DAT 250: Data Science and Society | 3 | C | • Minimum grade of C required in all required classes in the major; grade of B or better strongly correlated with timely graduation. |
| MAT 343: Applied Linear Algebra | 3 | C | |

| | | | |
|---|---|---|---|
| Elective | 3 | | • Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU). |
| Term hours subtotal: | 9 | | |

| Term 3 - B 38 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DAT 300: Mathematical Tools for Data Science | 3 | C | • Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.<br>• Students must choose and complete a minimum of 21 credit hours in their selected track. Track options are Behavioral Sciences, Biosciences, Business Analytics, Social Sciences, or Spatial Sciences.<br>• Some track courses may require additional prerequisites, so students will work with an assigned academic advisor in their track as well as the School of Mathematical and Statistical Sciences to select electives to satisfy necessary prerequisites. |
| Required Track Courses | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 51 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 57 - 64 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DAT 301: Exploring Data in R and Python | 4 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. |
| Upper Division Required Track Courses | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 64 - 73 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Required Track Courses | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 73 - 82 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| DAT 401: Statistical Modeling and Inference for Data Science | 3 | C | |
| Upper Division Required Track Courses | 3 | C | |

| | | |
|---|---|---|
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| Term hours subtotal: | 9 | |

- Minimum grade of C required in all required classes in the major; grade of B or better strongly correlated with timely graduation.
- Develop your professional online presence.

| Term 6 - B 82 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Required Track Courses | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 91 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ DAT 402: Statistical Learning | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 5 | | |

- Minimum grade of C required in all required courses; grade of B or better strongly correlated with timely graduation.
- Complete an in person or virtual practice interview.

| Term 7 - B 96 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Required Track Courses | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ DAT 490: Data Science Capstone (L) OR Disciplinary Capstone from selected track | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

- Complete three credit hours in DAT 490 or a disciplinary-specific capstone course.

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

- Behavioral Sciences Track: In cooperation with an assigned academic advisor, students must complete five required courses from the initial group of courses displayed in the track and one additional required course from the remaining list. Students must also complete three credit hours in DAT 490 or a 400-level disciplinary capstone course drawn from the CDE, FAS, or PSY prefixes.
- Biosciences Track: Students are required to complete either BIO 439 or BIO/MBB 440 and three credit hours in the DAT 490 Data Science Capstone. An additional five courses (minimum of 15 credit hours) are chosen from the remaining track electives.
- Business Analytics Track: Students are to complete all courses in the track plus three credit hours of DAT 490 Data Science Capstone.
- Social Sciences Track: In consultation with an assigned academic advisor, students will select six courses for a minimum of 18 credit hours from the track list below, at least 12 credit hours of which must be upper-division. In addition, students must complete 3 credit hours in DAT 490 Data Science Capstone or a disciplinary-specific capstone course.
- Spatial Sciences Track: Students must complete all six courses listed in the track. In addition, they will complete two credit hours of DAT 490 Data Science Capstone or a 400-level GIS capstone course chosen in consultation with an assigned academic advisor.

Hide Course List(s)/Track Group(s)

| Behavioral Sciences Track | Biosciences Track | Business Analytics Track |
|---|---|---|
| **Complete five courses from list below:** | **Complete one course from list below:** | **Complete all courses below:** |
| CDE 232: Human Development (SB) or FAS 101: Personal Growth in Human Relationships (SB) or PSY 101: Introduction to Psychology (SB) | BIO 439: Computing for Research | CIS 235: Introduction to Information Systems |
| FAS 498: Advanced Statistics for Social Sciences or SOC 469: Multivariate Statistics for Social Sciences or GIS 469: Multivariate Statistics for Social Sciences or PSY 330: Statistical Methods (CS) | BIO 440: Functional Genomics or MBB 440: Functional Genomics | CIS 355: Business Data Warehouses and Dimensional Modeling |
| PSY 290: Research Methods (L or SG) or FAS 361: Research Methods (L or SB) | **Choose five elective courses from list below:** | CIS 365: Business Database Systems Development |
| PSY 498: Data Mining in the Behavioral Sciences | BIO 355: Introduction to Computational Molecular Biology (CS) | CIS 375: Business Data Mining |
| SOC 390: Social Statistics I (CS) | BIO 411: Quantitative Methods in Conservation and Ecology | CIS 415: Big Data Analytics in Business |
| **Choose one elective course from list below:** | BIO 415: Statistical Models for Biology (CS) | WPC 300: Problem Solving and Actionable Analytics |
| CDE 312: Adolescence (SB) or SOC 312: Adolescence (SB) | BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L) | |
| CDE 418: Aging and the Life Course (SB & H) or SOC 418: Aging and the Life Course (SB & H) | BIO 439: Computing for Research | |
| CDE 430: Infant/Toddler Development in the Family (SB) | BIO 440: Functional Genomics or MBB 440: Functional Genomics | |
| CDE 450: Child Dysfunction in the Family | BIO 494: Data Analysis in Neuroscience | |
| FAS 301: Introduction to Parenting | | |
| FAS 332: Human Sexuality (SB) | | |
| PSY 315: Personality Theory and Research (SB) | | |
| PSY 320: Learning and Motivation | | |

PSY 324: Memory and Cognition

PSY 341: Developmental Psychology (SB)

PSY 350: Social Psychology (SB)

| Social Sciences Track |
| --- |
| **Complete one course from list below:** |
| POS 401: Political Statistics (CS) or SGS 401: Political Statistics (CS) |
| **Complete five courses from list below:** |
| ACO 100: All About Data: Design, Query, and Visualization (CS) |
| ASM 201: Epidemics and Outbreaks |
| COM 308: Advanced Research Methods in Communication (L) |
| COM 407: Advanced Critical Methods in Communication |
| CRJ 303: Statistical Analysis (CS) |
| ECN 410: Applied Regression Analysis and Forecasting |
| ECN 441: Public Economics (SB) |
| FAS 361: Research Methods (L or SB) |
| GCU 325: Geography of Europe (SB & G) |
| GCU 426: Geography of Russia and Surroundings (SB & G) |
| MKT 352: Marketing Research (L) |
| PUP 424: Planning Methods |
| SGS 305: Empirical Political Inquiry (SB) or POS 301: Empirical Political Inquiry (SB) |
| SOS 212: Systems, Dynamics and Sustainability |
| TWC 411: Principles of Visual Communication (L) |

| Spatial Sciences Track |
| --- |
| **Complete all four courses below:** |
| GIS 205: Geographic Information Science I (CS) |
| GIS 211: Geographic Information Science II (CS) |
| GIS 311: Geographic Information Science III (CS) |
| GIS 322: Programming Principles in GIS II |
| **Complete one course below:** |
| GIS 469: Multivariate Statistics for Social Sciences |
| GIS 470: Advanced Statistics for Geography and Planning (CS) |
| GIS 471: Spatial Statistics for Geography and Planning |
| **Complete one course below:** |
| GIS 202: Drones to Satellites: Observing Earth from Above |
| GIS 451: Geodesign and Urban Planning |
| GIS 494: GIS and Public Health |
| GIS 494: GIS for Climate Change Science |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Earth and Environmental Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAEESBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) | 3 | C | • LIA 101 is mandatory for all first-year students.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| SES 191: Exploring SESE | 1 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 170: Precalculus (MA) | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GLG 108: Water Planet (SQ) | 4 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) | 4 | C | • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. |
| GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) | 4 | C | |
| SES 220: Biology of a Changing Earth | 3 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SES 225: Global Biogeochemical Cycles | 3 | C | • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Explore an internship. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GLG 325: Oceanography | 3 | C | • Students are strongly encouraged to meet with SESE faculty advisors to discuss career options. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GLG 305: Dynamic Earth | 3 | C | • Research career opportunities.<br>• The list of approved major electives along with their pre-requisites may be viewed on the SESE website.<br>• Students should meet with an advisor to do a graduation check. |
| *Complete 2 courses:*<br>Upper Division Earth and Environmental Studies (EES) Major Electives | 6 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GLG 327: Earth's Critical Zone | 3 | C | • If not already completed, students should meet with an advisor to do a graduation check.<br>• Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. |
| 4** (400-level) Earth and Environmental Studies (EES) Electives | 3 | C | |
| Upper Division Earth and Environmental Studies (EES) Major Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction | 3 | |
| Term hours subtotal: | 15 | |

- Apply for career opportunities.
- The list of approved major electives along with their pre-requisites may be viewed on the SESE website.

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GLG 464: Solving Environmental Problems | 3 | C | • The list of approved major electives along with their pre-requisites may be viewed on the SESE website. |
| 4** (400-level) Earth and Environmental Studies (EES) Electives | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| 4** (400-level) Earth and Environmental Studies (EES) Electives | Upper Division Earth and Environmental Studies (EES) Electives |
|---|---|
| ABS 430: Watershed Management | ABS 430: Watershed Management |
| ABS 479: Ecosystem Management and Planning (L) | ABS 479: Ecosystem Management and Planning (L) |
| ABS 485: GIS in Natural Resources | ABS 485: GIS in Natural Resources |
| ABS 486: Introduction to Remote Sensing | ABS 486: Introduction to Remote Sensing |
| BIO 412: Conservation in Practice | ASB 326: Human Impacts on Ancient Environments (SB & H) |
| CEE 400: Earth Systems Engineering and Management ((L or HU) & H) | ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G) |
| ERM 426: Environmental Issues | BIO 324: Environmental Ethics (HU) |
| ERM 428: International Environmental Management (G) | BIO 412: Conservation in Practice |
| FIS 444: Environment and Justice (L & C) | CEE 400: Earth Systems Engineering and Management ((L or HU) & H) |
| GLG 424: Petrology | ENG 371: Rhetoric of the Environmental Movement |
| GLG 430: Paleontology | ERM 426: Environmental Issues |
| GLG 435: Sedimentology and Stratigraphy | ERM 428: International Environmental Management (G) |
| GLG 441: Ore Deposits | FIS 334: Science, Technology and Inequality (C) |
| GLG 470: Hydrogeology | FIS 444: Environment and Justice (L & C) |
| GLG 476: Earth's Past Climates: The Key to our Sustainable Future | GCU 364: Energy in the Global Arena (SB & G) |
| GLG 481: Geochemistry | GIS 341: Cartography and Georepresentation (CS) |
| GPH 414: Climate Change (G) | |
| JUS 444: Environment and Justice (L & C) | |

JUS 456: Human Rights and Sustainability ((L or SB) & G)

PUP 442: Environmental Planning

SCN 401: Sustainability Science, Technology, and Society

SOC 455: Human Rights and Sustainability ((L or SB) & G)

SOS 412: Conservation in Practice

SOS 414: Urban and Environmental Health (SB)

SOS 429: Human Impacts on Ecosystem Functioning

SOS 433: Sustainable Water Use

SOS 434: People and Nature: Ecosystem Services

SOS 456: Human Rights and Sustainability ((L or SB) & G)

SOS 476: Earth's Past Climates: The Key to our Sustainable Future

STP 420: Introductory Applied Statistics (CS)

GLG 301: Earth Science in Arizona and the Southwest

GLG 304: Minerals, Energy, and Society

GLG 310: Structural Geology

GLG 321: Mineralogy

GLG 424: Petrology

GLG 430: Paleontology

GLG 435: Sedimentology and Stratigraphy

GLG 441: Ore Deposits

GLG 470: Hydrogeology

GLG 476: Earth's Past Climates: The Key to our Sustainable Future

GLG 481: Geochemistry

GPH 314: Global Change (HU & G)

GPH 381: Geography of Natural Resources (G)

GPH 414: Climate Change (G)

HST 345: Environmental History (L)

JUS 332: Politics of Energy Policy and Justice

JUS 334: Science, Technology and Inequality (C)

JUS 444: Environment and Justice (L & C)

JUS 456: Human Rights and Sustainability ((L or SB) & G)

PHI 310: Environmental Ethics (HU)

POS 300: Contemporary Global Controversies (SB & G)

PUP 301: Introduction to Urban Planning (L)

PUP 442: Environmental Planning

SCN 300: Foundations of Environmental Education

SCN 302: Environmental Education (L & G)

SCN 307: Learning from Nature: Biomimicry and STEM

SCN 308: Urban Environmental Education

SCN 401: Sustainability Science, Technology, and Society

SOC 331: Environmental Sociology (SB & G)

SOC 455: Human Rights and Sustainability ((L or SB) & G)

SOS 300: Advanced Concepts and Integrated Approaches in Sustainability

SOS 310: Equity, Justice and Sustainability

SOS 314: Basic Energy Science

SOS 315: Energy Policy

SOS 320: Society and Sustainability (L or SB)

SOS 321: Policy and Governance in Sustainable Systems

SOS 323: Sustainable Urban Dynamics

SOS 324: Sustainable Energy Technology and Systems

SOS 325: The Economics of Sustainability

SOS 326: Sustainable Ecosystems

SOS 327: Sustainable Food and Farms

SOS 372: Earth Science in Arizona and the Southwest

SOS 373: Minerals, Energy, and Society

SOS 375: Humans and the Environment: What's the Connection? ((L or SB) & G)

SOS 412: Conservation in Practice

SOS 414: Urban and Environmental Health (SB)

SOS 429: Human Impacts on Ecosystem Functioning

SOS 433: Sustainable Water Use

SOS 434: People and Nature: Ecosystem Services

SOS 456: Human Rights and Sustainability ((L or SB) & G)

SOS 476: Earth's Past Climates: The Key to our Sustainable Future

STP 420: Introductory Applied Statistics (CS)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Earth and Space Exploration, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASESBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) | 3 | C | • LIA 101 is mandatory for all incoming first-year students.<br>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| SES 191: Exploring SESE | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128 in their second semester. SES 122/124 has an earth-based focus and SES 126/128 has a space-based focus. Students should take SES 122/SES 124 if they are interested in exploring the Earth and other objects in our solar system, or take SES 126/SES 128 if their interests are in exploration outside of the solar system.<br>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Join a student club or professional organization. |
| CHM 114: General Chemistry for Engineers (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 14 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Develop your skills. |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| SES 230: Coding for Exploration (CS) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• All students pursuing a BS degree in The College must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements. |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SES 350: Engineering Systems and Experimental Problem Solving | 3 | C | • Students need two upper-division electives for the major (six credits total). Electives may be chosen from the branch course list or students may take any other upper-division GLG or SES or AST courses offered by the School of Earth and Space Exploration, excluding GLG 300 or GLG 400/SES 401.<br>• Students should meet with faculty advisor to discuss research opportunities. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| SES OR GLG OR AST Upper Division Elective | 3 | C | |
| Upper Division SES Branch Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division SES Branch Course | 3 | C | • Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider |
| SES OR GLG OR AST Upper Division Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction | 3 | | |

| | | |
|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

getting involved in research. Students should talk to faculty mentors about how to find research opportunities.
- Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.
- Students should meet with an advisor to do a graduation check.
- Research career opportunities.

| **Term 7 91 - 107 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SES 410: Senior Exploration Project I | 3 | C | • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.<br>• If not already completed, students should meet with an advisor to do a graduation check.<br>• Apply for full-time career opportunities. |
| SES 401: Earth and Space Exploration Colloquium | 1 | C | |
| Upper Division SES Branch Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| **Term 8 107 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SES 411: Senior Exploration Project II | 3 | C | |
| Upper Division SES Branch Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 2 | | |
| Elective | 2 | | |
| Term hours subtotal: | 13 | | |

- All students pursuing a BS or BSP degree in The College must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Upper Division SES Branch Courses

AST 321: Introduction to Planetary and Stellar Astrophysics

AST 322: Introduction to Galactic and Extragalactic Astrophysics

GLG 310: Structural Geology

GLG 321: Mineralogy

GLG 418: Geophysics

GLG 424: Petrology

GLG 471: Hydrology

GLG 481: Geochemistry

GLG 490: Remote Sensing

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 330: Practical Electronics and Instrumentation

SES 405: Exploration Systems Engineering

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Earth and Space Exploration (Astrobiology and Biogeosciences), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASESABBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) | 3 | C | • LIA 101 is mandatory for all incoming first-year students.<br>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128 in their second semester. SES 122/124 has an earth-based focus and SES 126/128 has a space-based focus. Students interested in exoplanets and the potential for life on other worlds should take SES 126/SES 128. Students interested in life in extreme environments and the origins of life should take SES 122/SES 124.<br>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Join a student club or professional organization. |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 14 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 28 - 42 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Develop your skills. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| BIO 181: General Biology I (SQ) | 4 | C | |
| SES 230: Coding for Exploration (CS) | 3 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 42 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. |
| BIO 182: General Biology II (SG) | 4 | C | |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 59 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GLG 321: Mineralogy | 3 | C | • Students should start meeting with faculty to discuss research opportunities |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Upper Division Astrobiology & Biogeosciences Major Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GLG 481: Geochemistry | 3 | C | • Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students should talk to faculty mentors about how to find research opportunities.<br>• Research career opportunities.<br>• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way.<br>• Students should meet with an advisor to do a graduation check. |
| SES 311: Essentials of Astrobiology: Exploration for Life in the Universe | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ SES 410: Senior Exploration Project I | 3 | C | |
| Upper Division Astrobiology & Biogeosciences Major Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way.
- Apply for full-time career opportunities.
- If not already completed, students should meet with an advisor to do a graduation check.

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SES 411: Senior Exploration Project II | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Upper Division Astrobiology & Biogeosciences Major Electives |
|---|
| AST 321: Introduction to Planetary and Stellar Astrophysics |
| BIO 320: Fundamentals of Ecology |
| BIO 340: General Genetics |
| BIO 345: Evolution |
| GLG 404: Fundamentals of Planetary Geology |
| GLG 430: Paleontology |
| GLG 435: Sedimentology and Stratigraphy |
| GLG 460: Astrobiology |
| GLG 485: Meteorites and Cosmochemistry |
| GLG 489: Field Geochemistry (L) |
| GLG 490: Remote Sensing |
| SES 350: Engineering Systems and Experimental Problem Solving |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Earth and Space Exploration (Astrophysics), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASESABS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | • LIA 101 is mandatory for all first-year students.<br>• SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives although MAT 270, 271 and 272 are encouraged.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| SES 191: Exploring SESE | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | • SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives although MAT 270, 271 and 272 are encouraged.<br>• SESE will accept PHY 121/122 and PHY 131/132 as alternatives although PHY 150 and PHY 151 are encouraged.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Join a student club or professional organization. |
| PHY 150: Physics I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | |
| PHY 151: Physics II (SQ) | 4 | C | |

| | | |
|---|---|---|
| SES 230: Coding for Exploration (CS) | 3 | C |
| Humanities, Arts and Design (HU) | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

- SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives although MAT 270, 271 and 272 are encouraged.
- SESE will accept PHY 121/122 and PHY 131/132 as alternatives although PHY 150 and PHY 151 are encouraged.
- SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
- Develop your skills.

| **Term 4 45 - 61 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. |
| PHY 252: Physics III (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 61 - 76 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AST 321: Introduction to Planetary and Stellar Astrophysics | 3 | C | • Students should meet with faculty to discuss research opportunities |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 314: Quantum Physics I | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 76 - 91 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AST 322: Introduction to Galactic and Extragalactic Astrophysics | 3 | C | • Explore an internship. In order to earn credits for an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students can talk to faculty mentors about how to find research opportunities.<br>• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way.<br>• Students should meet with an advisor to do a graduation check.<br>• Research career opportunities. |
| AST 421: Astrophysics I | 3 | C | |
| Upper Division Astrophysics Major Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 91 - 106 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AST 422: Astrophysics II | 3 | C | |

| | | |
|---|---|---|
| ★ SES 410: Senior Exploration Project I | 3 | C |
| AST 498: Pro-Seminar | 1 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| *Complete 2 courses:* Elective | 5 | |
| Term hours subtotal: | 15 | |

- Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way.
- If not already completed, students should meet with an advisor to do a graduation check.
- Apply for full-time career opportunities.

| **Term 8 106 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SES 411: Senior Exploration Project II | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 8 | | |
| Term hours subtotal: | 14 | | |

- All students pursuing a BS or BSP degree in The College must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The suggested list of electives are highly recommended but not required. Students who plan to take the physics GRE are encouraged to choose electives from the PHY options. There is also an option to choose an elective in other GLG, AST, SES, PHY or MAT areas as long as the subject is relevant to astrophysics and the course is upper-division. Students should consult with a SESE advisor if they have questions about which courses would satisfy this requirement.

Hide Course List(s)/Track Group(s)

Upper Division Astrophysics Major Elective

GLG OR AST OR SES OR PHY OR MAT Upper Division Elective

GLG 404: Fundamentals of Planetary Geology

PHY 302: Mathematical Methods in Physics II

PHY 310: Classical Particles, Fields, and Matter I

PHY 311: Classical Particles, Fields, and Matter II

PHY 312: Mechanics and Electromagnetism

PHY 315: Quantum Physics II

PHY 361: Introductory Modern Physics

PHY 441: Statistical and Thermal Physics

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 350: Engineering Systems and Experimental Problem Solving

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Earth and Space Exploration (Exploration Systems Design), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASESESDBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • LIA 101 is mandatory for all incoming first-year students.<br>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 100: Introduction to Exploration (CS) | 3 | C | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| SES 191: Exploring SESE | 1 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128 in their second semester. SES 122/124 has an earth-based focus and SES 126/128 has a space-based focus. Students should take SES 122/SES 124 if they are interested in exploring the Earth and other objects in our solar system, or take SES 126/SES 128 if their interests are in exploration outside of the solar system.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Join a student club or professional organization. |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab | 4 | C | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Develop your skills. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EEE 202: Circuits I | 4 | C | • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. |
| MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | |
| CHM 114: General Chemistry for Engineers (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SES 330: Practical Electronics and Instrumentation | 4 | C | • Students should start meeting with faculty advisor to discuss research opportunities. |
| SES 350: Engineering Systems and Experimental Problem Solving | 3 | C | |
| Science and Society Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SES 405: Exploration Systems Engineering | 3 | C | • Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students can talk to faculty mentors about how to find research opportunities.<br>• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.<br>• Students should meet with an advisor to do a graduation check.<br>• Research career opportunities. |
| Upper Division Exploration Systems Design Concentration Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SES 410: Senior Exploration Project I | 3 | C | |

| | | |
|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| Term hours subtotal: | 15 | |

- Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.
- If not already completed, students should meet with an advisor to do a graduation check.
- Apply for career opportunities.

| **Term 8 106 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SES 411: Senior Exploration Project II | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 8 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

- All students pursuing a BS or BSP degree in The College must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Upper Division Exploration Systems Design Concentration Elective

- AST 321: Introduction to Planetary and Stellar Astrophysics
- AST 322: Introduction to Galactic and Extragalactic Astrophysics
- GLG 321: Mineralogy
- GLG 404: Fundamentals of Planetary Geology
- GLG 424: Petrology
- GLG 471: Hydrology
- SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Earth and Space Exploration (Geological Sciences), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASESGSBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) | 3 | C | • LIA 101 is mandatory for all incoming first-year students.<br>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| SES 191: Exploring SESE | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.<br>• Join a student club or professional organization. |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.<br>• SESE requires first and second-year students to seek faculty mentoring at least once during the |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| SES 230: Coding for Exploration (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
- Develop your skills.

| Term 4 45 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 16 | | |

- SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.
- SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website.
- Students should note that upcoming capstone classes, GLG 451 (offered in spring) and GLG 452 (offered in summer), are field-based and have additional course fees.

| Term 5 61 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GLG 310: Structural Geology | 3 | C | |
| GLG 321: Mineralogy | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| GLG OR SES Upper Division Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Term hours subtotal: | 16 | | |

- Students need two GLG branch courses (6 credits) and three upper division GLG or SES electives (9 credits). Electives may be chosen from the branch course list or students may take any other upper division GLG or SES courses offered by the School of Earth and Space Exploration.
- Students should meet with faculty advisor to discuss research opportunities.
- Students should note that upcoming capstone classes, GLG 451 (offered in spring) and GLG 452 (offered in summer), are field-based and have additional course fees.

| Term 6 77 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GLG 451: Field Geology I (L) | 3 | C | |
| SES 401: Earth and Space Exploration Colloquium | 1 | C | |
| GLG OR SES Upper Division Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 13 | | |

- Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students should talk to faculty mentors about how to find research opportunities.
- Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.
- Research career opportunities.

| Summer 6 90 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GLG 452: Field Geology II (L) | 3 | C | |

| | |
|---|---|
| Term hours subtotal: | 3 |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division GLG Branch Course | 3 | C | • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.<br>• Apply for career opportunities. |
| GLG OR SES Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division GLG Branch Course | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 8 | | |
| Elective | 1 | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Upper Division GLG Branch Courses

- GLG 362: Geomorphology
- GLG 418: Geophysics
- GLG 424: Petrology
- GLG 430: Paleontology
- GLG 435: Sedimentology and Stratigraphy
- GLG 471: Hydrology
- GLG 481: Geochemistry

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Economics, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAECNBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students can choose to complete Humanities (HU) and Historical Awareness (H) separately.<br>• Students placing into MAT 210 or MAT 270 should take one of those courses in term 1. If not, students should select a prerequisite course. Students should not take MAT 142.<br>• Students considering graduate work in economics should choose MAT 270 or a prerequisite course. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 210: Brief Calculus (MA) | 3-4 | C | • Students considering graduate work in economics should select MAT 270 instead of MAT 210.<br>• Select your career interest area and play the game me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:* Elective | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14-15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | • Students considering graduate work in economics should select MAT 271 instead of MAT 211.<br>• Many upper-division related area courses have prerequisites that can be completed as electives in terms 3, 4, and 5. |
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 211: Mathematics for Business Analysis | 3-4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | • Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance. |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15-16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | • Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately.<br>• Attend career related workshops and meet with a career counselor to discuss professional goals. |
| ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Science and Society Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | |
| ECN Upper Division Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | • Complete an internship to develop job-related skills and connections.<br>• Use Handshake to research employment opportunities |
| ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 4** Elective | 3 | C | • Attend a career or graduate education fair. |
| Related Area Course | 3 | C | |
| ECN Upper Division Elective | 3 | C | |
| Upper Division Elective OR LIA 484: Internship OR ECN 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 475: Capstone in Economics (L) | 3 | C | • Finalize future educational or career plans. |
| ECN 4** Elective | 3 | C | |

| | | |
|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| Elective | 3 | |
| | Term hours subtotal: | 15 |

- Students must earn a C or better in all related area courses. Many upper-division related area courses have prerequisites that can be completed as electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|---|
| ACC Elective |
| AGB Upper Division Elective |
| ASB Upper Division Elective |
| CIS Elective |
| ENG 301: Writing for the Professions (L) |
| FIN Upper Division Elective |
| GCU Upper Division Elective |
| GIS Upper Division Elective |
| HPS Upper Division Elective |
| HST Upper Division Elective |
| LES Upper Division Elective |
| LIA 484: Internship |
| MAT Upper Division Elective |
| MKT Upper Division Elective |
| NLM Upper Division Elective |
| PAF Elective |
| PHI Upper Division Elective |
| POS Upper Division Elective |
| PSY 304: Effective Thinking (L) |
| PSY 350: Social Psychology (SB) |
| PSY 4** Elective |
| PUP Upper Division Elective |
| REA Upper Division Elective |

SCM Upper Division Elective

SGS Upper Division Elective

SOC 324: Work and the Workplace (SB & H)

SOC 331: Environmental Sociology (SB & G)

SOC 333: Population (SB & G)

SOC 339: Grassroots Social Movements (SB)

SOC 350: Inequality and Diversity in Education (L & C)

SOC 352: Social Change (SB & G & H)

SOC 4** Elective

SOS Upper Division Elective

STP Upper Division Elective

USL 410: Service Learning: Diverse Community Issues (L & C)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Economics, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAECNBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) | 3 | C | • Students placing into MAT 210 should take this course in Term 1-A. If not, students should select a prerequisite course. Students should not take MAT 142.<br>• ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | • View ASU Online first-year student registration information here.<br>• Students may choose to complete Humanities (HU) and Historical Awareness (H) requirements separately.<br>• Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms.<br>• Select your career interest area and play me@ASU. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) | 3 | C | • Review the Career Guide for ASU Online Students to learn about available career planning resources. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | • Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms.<br>• Register for a Handshake account and participate in virtual career advising. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | • Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms.<br>• Create a first draft resume. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | • Develop your professional online presence .<br>• Build your professional connections -- join the ASU Mentor Network. |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 50 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | • Humanities (HU) and Cultural Diversity in the U.S. (C) requirements may be completed separately. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | • View career webinars offered by Career and Professional Development Center. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ECN Upper Division Elective | 3 | C |
| Upper Division Science and Society Elective | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | • Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 410: Applied Regression Analysis and Forecasting | 3 | C | • Expand, refine and polish your resume. |
| Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 4** Elective | 3 | C | • Explore an internship.<br>• Complete a virtual practice interview. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 4** Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN Upper Division Elective | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 475: Capstone in Economics (L) | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 3 | | |

- Students must earn a C or better in all related area courses. Many upper-division related area courses have prerequisites that can be completed as electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
| --- |
| ACC Elective |
| AGB Upper Division Elective |
| ASB Upper Division Elective |
| CIS Elective |
| ENG 301: Writing for the Professions (L) |
| FIN Upper Division Elective |
| GCU Upper Division Elective |
| GIS Upper Division Elective |
| HST Upper Division Elective |
| LES Upper Division Elective |
| MAT Upper Division Elective |
| MKT Upper Division Elective |
| PAF Elective |
| PHI Upper Division Elective |
| POS Upper Division Elective |
| PSY 304: Effective Thinking (L) |
| PSY 350: Social Psychology (SB) |
| PSY 4** Elective |
| PUP Upper Division Elective |
| SCM Upper Division Elective |
| SGS Upper Division Elective |
| SOC 324: Work and the Workplace (SB & H) |
| SOC 4** Elective |
| SOS Upper Division Elective |

**Notes:**

- 
    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Economics (Politics and the Economy), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAECNPECBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Mathematics (MA) | 3 | C | • ASU 101 or college-specific equivalent First Year Seminar is required of all first-year students.<br>• Students placing into MAT 210 or MAT 270 should take one of those courses in term 1. If not, students should select a prerequisite course. Students should not take MAT 142.<br>• Students considering graduate work in economics should choose MAT 270 or prerequisite course.<br>• Students can choose to complete Humanities (HU) and Historical Awareness (H) separately. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 210: Brief Calculus (MA) | 3-4 | C | • Students considering graduate work in economics should select MAT 270 instead of MAT 210.<br>• Select your career interest area and play the game me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:* Elective | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14-15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | • Students considering graduate work in economics should select MAT 271 instead of MAT 211.<br>• Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance. |
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 211: Mathematics for Business Analysis | 3-4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:* Elective | 5 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 15-16 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | • Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately.<br>• Students may choose to combine the Global Awareness (G) with a concentration elective or ECN upper-division course.<br>• Attend career related workshops and meet with a career counselor. |
| ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Science and Society Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | • Join Handshake and research career and internship opportunities. |
| ECN Upper Division Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Concentration Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | • Complete an internship to develop job-related skills and connections.<br>• Use Handshake to research employment opportunities. |
| ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy | 3 | C | |
| Concentration Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy | 3 | C | • Attend a career or graduate education fair. |
| ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics | 3 | C | |
| POS 348: Do You Want to Build a Nation? (L) | 3 | C | |
| Upper Division Elective OR LIA 484: Internship OR ECN 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 475: Capstone in Economics (L) | 3 | C | |

| | | | |
|---|---|---|---|
| ECN 345: Survey of Environmental and Resource Economics OR ECN 355: Economics of Healthcare OR ECN 445: Environmental Economics OR ECN 455: Health Economics | 3 | C | • Finalize future educational or career plans. |
| Concentration Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Complete a minimum of three concentration electives. Concentration areas include U.S. Government, Politics, and Law. Select three courses from one area or select two from one area and a third from a different area.

Hide Course List(s)/Track Group(s)

| Politics Concentration Electives |
|---|
| POS 150: Comparative Government (SB & G) or POS 350: Comparative Politics (SB & G) |
| POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G) |
| POS 210: Political Ideologies (SB) |
| POS 240: Introduction to Southeast Asia ((HU or SB) & G) |
| POS 247: Introduction to Latin American Politics (SB & G) |
| POS 260: Current Issues in International Politics ((L or SB) & G) |
| POS 300: Contemporary Global Controversies (SB & G) |
| POS 301: Empirical Political Inquiry (SB) |
| POS 331: Public Opinion (SB) |
| POS 332: American Political Parties (SB) |
| POS 336: Voters in America (SB) |
| POS 339: Grassroots Social Movements (SB) |
| POS 346: Problems of Democracy (HU) |
| POS 352: European Democracies |
| POS 353: Comparative Politics of the Middle East |
| POS 356: European Union (SB & G) |

| Law Concentration Electives |
|---|
| POS 270: American Legal System (SB) |
| POS 313: The Congress (SB) |
| POS 315: The Supreme Court (SB) |
| POS 368: Ethics and Human Rights |
| POS 370: Law and Society (SB) |
| POS 465: International Organization and Law (SB & G) |
| POS 471: Constitutional Law I (SB) |
| POS 472: Constitutional Law II (SB) |
| POS 480: Global Justice (G) |

| U.S. Government Concentration Electives |
|---|
| POS 110: American Government and Politics (SB) or POS 310: American National Government (SB) |
| POS 216: State and Local Government (SB) |
| POS 230: Current Issues in National Politics (L or SB) |
| POS 270: American Legal System (SB) |
| POS 313: The Congress (SB) |
| POS 314: The American Presidency (SB) |
| POS 315: The Supreme Court (SB) |
| POS 410: Governing American Cities (SB) |

POS 359: African Politics and Society (SB & G)

POS 361: American Foreign Policy (SB & G)

POS 364: National Security, Intelligence, and Terrorism (SB)

POS 367: World Politics and Global Inequalities (G)

POS 417: Arizona Politics (SB)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## English, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAENGBA

FT Fast Track Option: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students |
| ASU 101-LA: The ASU Experience | 1 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here.<br>• Select your career interest area and play me3@ASU. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Join a student club or professional organization |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

| | | | |
|---|---|---|---|
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 34 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 211: Introduction to English Studies | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Analysis of Literature and Language Elective | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 41 - 47 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | • Explore an internship |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 47 - 53 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Analysis of Literature and Language Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 53 - 60 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 305: Interpretive Theory | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 308: Form and History/Culture | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 66 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 309: Rhetoric for Writers | 3 | C | • Research employment opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ★ Analysis of Film and Media Elective | 3 | C |
| Upper Division Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ENG 327: English Studies Research | 3 | C | |
| ★ Writing Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Writing Elective | 3 | C | • Apply for full-time career opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ENG 489: Scholarly Products | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Analysis of Film and Media Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

| Analysis of Literature and Language Electives |
| --- |
| ENG 204: Topics in Contemporary Literature (HU) |
| ENG 221: Survey of English Literature (HU) |
| ENG 222: Survey of English Literature (HU & H) |
| ENG 229: Love and Lust in Medieval Literature |
| ENG 241: Literatures of the United States to 1860 ((L or HU) & C) |
| ENG 242: Literatures of the United States, 1860 to Present (HU) |
| ENG 303: Classical Backgrounds of English Literature (HU) |
| ENG 318: The Life and Death of Languages |
| ENG 319: Future of English |
| ENG 321: Shakespeare (L or HU) |
| ENG 323: Rhetoric and Grammar (L) |
| ENG 324: Horror: Film and Short Stories |
| ENG 328: The Novel to Jane Austen (HU & H) |
| ENG 329: 19th-Century British Fiction |
| ENG 333: American Ethnic Literature |
| ENG 334: The American Southwest in Literature and Film ((L or HU) & C) |
| ENG 337: Major American Novels (L or HU) |
| ENG 345: Selected Authors or Issues |
| ENG 352: Short Story (L or HU) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ENG 356: The Bible as Literature (HU) |
| ENG 359: Indigenous American Literature ((L or HU) & C) |
| ENG 360: Western American Literature (L or HU) |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |

| Analysis of Film and Media Electives |
| --- |
| ENG 441: Introduction to Participatory Media |
| ENG 443: Gender, Culture and Literacy |
| ENG 466: Studies in International Film ((L or HU) & G) |
| FMS 110: Introduction to New Media (HU) |
| FMS 360: Media Genres |

| Writing |
| --- |
| ENG 200: Critical Reading and Writing About Literature (L or HU) |
| ENG 210: Introduction to Creative Writing |
| ENG 215: Strategies of Academic Writing (L) |
| ENG 216: Persuasive Writing on Public Issues (L) |
| ENG 217: Writing Reflective Essays (L) |
| ENG 287: Beginning Creative Writing Workshop in Poetry |
| ENG 288: Beginning Creative Writing Workshop in Fiction |
| ENG 301: Writing for the Professions (L) |
| ENG 310: Intermediate Creative Writing |
| ENG 311: Persuasive Writing (L) |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) |
| ENG 379: Travel Writing (L) |
| ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice |
| ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice |
| ENG 410: Writing for Publication |

ENG 364: Women and Literature (HU)

ENG 369: Science Fiction Studies

ENG 386: American Gothic

ENG 400: History of Literary Criticism (L or HU)

ENG 413: History of English Language (HU)

ENG 420: Multicultural Autobiographies ((L or HU) & C)

ENG 421: Studies in Shakespeare (L or HU)

ENG 423: Renaissance Drama (L or HU)

ENG 432: The American Renaissance (HU)

ENG 436: Studies in Anglophone Literature and Culture

ENG 440: Studies in American Literature and Culture

ENG 457: Studies in American Poetry (HU)

ENG 460: Ethnic Women Writers

ENG 470: Symbols and Archetypes in Children's Literature (L or HU)

ENG 471: Literature for Young Adults (HU)

ENG 472: Rhetorical Studies (L)

ENG 477: World Literature ((L or HU) & G)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

**Total College Residency Hrs:** 12 minimum

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## English (Creative Writing), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAENGCBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Minimum 3.00 GPA in English courses beyond first-year composition courses required<br>• Join a student club or professional organization |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | • Minimum 3.00 GPA in English courses beyond first-year composition courses required<br>• Develop your skills |
| ENG 287: Beginning Creative Writing Workshop in Poetry OR ENG 288: Beginning Creative Writing Workshop in Fiction | 3 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 287: Beginning Creative Writing Workshop in Poetry OR ENG 288: Beginning Creative Writing Workshop in Fiction | 3 | C | • Minimum 3.00 GPA in English courses beyond first-year composition courses required |
| American Literature Course - 200 Level or Above | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice OR ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice | 3 | C | • Minimum 3.00 GPA in English courses beyond first-year composition courses required<br>• Explore an internship |
| American Literature Course - 200 Level or Above | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 487: Advanced Creative Writing Workshop in Poetry OR ENG 488: Advanced Creative Writing Workshop in Fiction | 3 | B | • Minimum 3.25 GPA in English courses beyond first-year composition courses required<br>• Research employment opportunities |
| *Complete 2 courses:*<br>3** (300) Level Literary Study Course | 6 | C | |
| Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 3.25 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 498: Capstone Fiction (L) OR ENG 498: Capstone Poetry (L) | 3 | B | • Minimum 3.25 GPA in English courses beyond first-year composition courses required<br>• Apply for full-time career opportunities |
| 4** (400) Level Literary Studies Course | 3 | C | |
| ENG Upper Division Elective OR ENG 484: Internship | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | C | |

| | | | |
|---|---|---|---|
| Maintain 3.25 GPA in Major Courses. | | | |
| | Term hours subtotal: | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ 4** (400) Level Literary Studies Course | 3 | C | • Minimum 3.25 GPA in English courses beyond first-year composition courses required. |
| ENG Upper Division Elective | 3 | C | |
| ENG Elective | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | C | |
| Maintain 3.25 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| American Literature at 200 Level or Above | 300-Level Literary Study Course | 400-Level Literary Study Course |
|---|---|---|
| ENG 241: Literatures of the United States to 1860 ((L or HU) & C) | ENG 303: Classical Backgrounds of English Literature (HU) | ENG 400: History of Literary Criticism (L or HU) |
| ENG 242: Literatures of the United States, 1860 to Present (HU) | ENG 315: Medieval Literature in Translation | ENG 401: Topics in Critical Theory |
| ENG 333: American Ethnic Literature | ENG 321: Shakespeare (L or HU) | ENG 415: Studies in Medieval Literature and Culture (HU) |
| ENG 335: American Poetry | ENG 325: Restoration and the 18th Century | ENG 416: Chaucer in Middle English (HU) |
| ENG 337: Major American Novels (L or HU) | ENG 326: English Drama 1660-1800 (HU) | ENG 418: Renaissance Literature (L or HU) |
| ENG 345: Selected Authors or Issues | ENG 328: The Novel to Jane Austen (HU & H) | ENG 421: Studies in Shakespeare (L or HU) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | ENG 329: 19th-Century British Fiction | ENG 422: Special Topics in Shakespeare |
| ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) | ENG 330: 19th-Century British Poetry | ENG 423: Renaissance Drama (L or HU) |
| ENG 359: Indigenous American Literature ((L or HU) & C) | ENG 332: Studies in Race and Ethnicity in Literature and Culture | ENG 424: Milton (HU) |
| ENG 360: Western American Literature (L or HU) | ENG 333: American Ethnic Literature | ENG 425: Studies in Romanticism (HU) |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) | ENG 335: American Poetry | ENG 426: British Culture and Empire |
| ENG 434: Studies in the Literature and Culture of the Americas | ENG 337: Major American Novels (L or HU) | ENG 427: Studies in 18th-Century Literature and Culture (HU) |
| ENG 440: Studies in American Literature and Culture | ENG 338: Protest Literature | ENG 429: Politics & Culture in European Short Fiction ((L or HU) & G & H) |
| ENG 445: Studies in American Realism (L or HU) | ENG 342: 20th-Century British and Irish Literature (HU) | ENG 430: Studies in Victorian Literature and Culture (L or HU) |
| ENG 453: Studies in the American Novel (HU) | ENG 345: Selected Authors or Issues | ENG 434: Studies in the Literature and Culture of the Americas |
| | ENG 349: Global Literary Studies | ENG 435: Literatures and Cultures of Immigration and Diaspora |
| | ENG 350: Studies in Literary Histories and Traditions | ENG 436: Studies in Anglophone Literature and Culture |
| | ENG 352: Short Story (L or HU) | ENG 437: The American Novel, 1900 - 1960 (L or HU) |
| | ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | |

ENG 457: Studies in American Poetry (HU)

ENG 458: Latina/o Literature ((L or HU) & C)

ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 355: European Dramatic Traditions (L or HU)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

ENG 360: Western American Literature (L or HU)

ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

ENG 364: Jane Austen (HU)

ENG 369: Science Fiction Studies

ENG 384: Studies in Gender and Sexuality in Literature and Culture

ENG 400: History of Literary Criticism (L or HU)

ENG 401: Topics in Critical Theory

ENG 415: Studies in Medieval Literature and Culture (HU)

ENG 416: Chaucer in Middle English (HU)

ENG 418: Renaissance Literature (L or HU)

ENG 421: Studies in Shakespeare (L or HU)

ENG 422: Special Topics in Shakespeare

ENG 423: Renaissance Drama (L or HU)

ENG 424: Milton (HU)

ENG 425: Studies in Romanticism (HU)

ENG 426: British Culture and Empire

ENG 427: Studies in 18th-Century Literature and Culture (HU)

ENG 429: Politics & Culture in European Short Fiction ((L or HU) & G & H)

ENG 430: Studies in Victorian Literature and Culture (L or HU)

ENG 434: Studies in the Literature and Culture of the Americas

ENG 435: Literatures and Cultures of Immigration and Diaspora

ENG 436: Studies in Anglophone Literature and Culture

ENG 440: Studies in American Literature and Culture

ENG 442: Studies in 20th-Century British and Irish Literature and Culture

ENG 444: Topics for Interdisciplinary Study of Literature and Culture

ENG 445: Studies in American Realism (L or HU)

ENG 447: Experimental Narrative (HU)

ENG 448: Studies in Irish Literature and Culture

ENG 452: Studies in the Novel (HU)

ENG 453: Studies in the American Novel (HU)

ENG 455: Contemporary Women Writers

ENG 457: Studies in American Poetry (HU)

ENG 458: Latina/o Literature ((L or HU) & C)

ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G)

ENG 461: Studies in Women and Literature

ENG 465: Studies in Film

ENG 469: Science and Literature

ENG 470: Symbols and Archetypes in Children's Literature (L or HU)

ENG 471: Literature for Young Adults (HU)

ENG 476: Studies in Folklore

ENG 478: Studies in Modernism

ENG 479: Studies in Postmodernism (HU & G)

ENG 437: The American Novel, 1900 - 1960 (L or HU)

ENG 440: Studies in American Literature and Culture

ENG 442: Studies in 20th-Century British and Irish Literature and Culture

ENG 444: Topics for Interdisciplinary Study of Literature and Culture

ENG 445: Studies in American Realism (L or HU)

ENG 447: Experimental Narrative (HU)

ENG 448: Studies in Irish Literature and Culture

ENG 452: Studies in the Novel (HU)

ENG 453: Studies in the American Novel (HU)

ENG 455: Contemporary Women Writers

ENG 457: Studies in American Poetry (HU)

ENG 458: Latina/o Literature ((L or HU) & C)

ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G)

ENG 461: Studies in Women and Literature

ENG 465: Studies in Film

ENG 469: Science and Literature

ENG 470: Symbols and Archetypes in Children's Literature (L or HU)

ENG 471: Literature for Young Adults (HU)

ENG 476: Studies in Folklore

ENG 478: Studies in Modernism

ENG 479: Studies in Postmodernism (HU & G)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.25 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## English (Linguistics), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAENGNBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | |
| ENG 213: Introduction to the Study of Language OR SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.00 GPA in Major Courses. | | |
| Term hours subtotal: | 14 | |

| **Term 4 44 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar | 3 | C | • Explore an internship |
| ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar | 3 | C | • A minimum of 18 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences. |
| Course taught in a language other than English beyond the 202 level (greater than 314 for POR or ROM) OR introductory course in a third language (not English) | 3 | C | |
| ENG Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar | 3 | C | • A minimum of 18 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences.<br>• Research employment opportunities |
| ENG 404: Studies in Second Language Acquisition OR ENG 414: Studies in Linguistics | 3 | C | |
| ENG 413: History of English Language (HU) | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ ENG 403: Semantics OR ENG 404: Studies in Second Language Acquisition OR ENG 414: Studies in Linguistics | 3 | C | • A minimum of 18 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences.<br>• Apply for full-time career opportunities |
| ENG Upper Division Elective OR ENG 484: Internship | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ ENG 403: Semantics OR ENG 404: Studies in Second Language Acquisition OR ENG 414: Studies in Linguistics | 3 | C | • A minimum of 18 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences. |
| ENG Upper Division Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## English (Literature), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAENGTBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 206: Introduction to Literary Studies | 3 | C | |
| ENG 221: Survey of English Literature (HU) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) | 3 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.00 GPA in Major Courses. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | • Explore an internship |
| ENG 222: Survey of English Literature (HU & H) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 304: Critical Theories and Methods | 3 | C | |
| ENG 332: Studies in Race and Ethnicity in Literature and Culture OR ENG 384: Studies in Gender and Sexuality in Literature and Culture | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 349: Global Literary Studies OR ENG 350: Studies in Literary Histories and Traditions | 3 | C | • Research employment opportunities |
| ENG Elective OR ENG 484: Internship | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 444: Topics for Interdisciplinary Study of Literature and Culture | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C | • Apply for full-time career opportunities |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |

| | | | |
|---|---|---|---|
| Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| | Term hours subtotal: | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ENG 491: Topics for Advanced Research | 3 | C | |
| ENG course (L) Upper Division | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| | Term hours subtotal: | 15 | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## English (Secondary Education), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAENGSEBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | • Teachers College Clinical Experience Requirement: Apply for Department of Public Safety Identity Verified Print (IVP) Fingerprint Clearance Card. |
| ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 3 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 213: Introduction to the Study of Language | 3 | C | • Must attend Teachers College Professional Pathways Program Orientation prior to registering for education courses in Term 5. |
| *Complete 2 courses:*<br>ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 6 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 396: Clinical Experience I | 1 | Y | • During your clinical experience internship, you will work alongside a mentor teacher, in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 5-8. |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Ethnic or Women's Literature Course | 3 | C | |
| ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BLE 407: SEI for Secondary Students (L) | 3 | C | • Research employment opportunities |
| ENG 321: Shakespeare (L or HU) OR ENG 421: Studies in Shakespeare (L or HU) OR ENG 422: Special Topics in Shakespeare | 3 | C | |
| ENG 480: Methods of Teaching English: Composition (L) | 3 | C | |
| SED 397: Clinical Experience II | 1 | Y | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ENG 312: English in its Social Setting (L or HU or SB) OR ENG 314: Modern Grammar | 3 | C | |

| | | | |
|---|---|---|---|
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Minimum 2.50 GPA ASU Cumulative. | | |
| | Term hours subtotal: | 16 | |

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ENG 471: Literature for Young Adults (HU) | 3 | C | • All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching.<br>• Students seeking teacher certification must pass required educator exams. Please speak with your Teachers College Advisor to plan appropriately.<br>• Apply for full-time career opportunities |
| ★ ENG 482: Methods of Teaching English: Language (L) | 3 | C | |
| ★ ENG 486: Teaching Text | 3 | C | |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | Y | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | Y | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Ethnic or Women's Literature |
|---|
| ENG 332: Studies in Race and Ethnicity in Literature and Culture |
| ENG 333: American Ethnic Literature |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ENG 359: Indigenous American Literature ((L or HU) & C) |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| ENG 364: Women and Literature (HU) |
| ENG 384: Studies in Gender and Sexuality in Literature and Culture |

**Notes:**

•

    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## English (Writing, Rhetorics and Literacies), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAENGWBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | |
| ENG Elective | 3 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.00 GPA in Major Courses. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 205: Introduction to Writing, Rhetorics and Literacies (L) | 3 | C | • Explore an internship |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>ENG 390: Methods of Inquiry (L) OR ENG 391: Writing in Context OR ENG 392: History of Rhetorical Theory OR ENG 393: Theories of Literacy | 6 | C | • At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences.<br>• ENG electives must be taken at the 200 level or above. |
| Upper Division Directed Elective | 3 | C | |
| ENG Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>ENG 390: Methods of Inquiry (L) OR ENG 391: Writing in Context OR ENG 392: History of Rhetorical Theory OR ENG 393: Theories of Literacy | 6 | C | • At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences.<br>• Research employment opportunities. |
| Upper Division Directed Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Directed Elective | 6 | C | |
| ENG Elective | 3 | C | |

| | | |
|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| Maintain 2.00 GPA in Major Courses. | | |
| Term hours subtotal: | 15 | |

- At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences.
- The required ENG 484 internship may be taken in either term 7 or term 8.
- ENG electives must be taken at the 200 level or above.
- Apply for full-time career opportunities

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ ENG 484: Internship | 3 | C | |
| ★ Upper Division Directed Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

- At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences.
- The required ENG 484 internship may be taken in either term 7 or term 8.

Hide Course List(s)/Track Group(s)

| Directed Electives |
|---|
| ENG 301: Writing for the Professions (L) |
| ENG 311: Persuasive Writing (L) |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) |
| ENG 338: Protest Literature |
| ENG 370: Science, Values, and the Public |
| ENG 371: Rhetoric of the Environmental Movement |
| ENG 409: Analyzing Rhetoric |
| ENG 419: Writing in Digital Spaces |
| ENG 472: Rhetorical Studies (L) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Family and Human Development, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAFASBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FAS 101: Personal Growth in Human Relationships (SB) OR CDE 232: Human Development (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• This degree requires completion of MAT 142 with a grade of C or better. Transfer students who have not completed a math course directly equivalent to an ASU course meeting the requirement will be required to take an additional math course.<br>• Select a career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| PSY OR SOC Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FAS 101: Personal Growth in Human Relationships (SB) OR CDE 232: Human Development (SB) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Science and Society Elective | 3 | C | |
| FAS Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) OR PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) | 3 | C | • Explore an internship. |
| PSY OR SOC Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete Natural Science - Quantitative (SQ) OR Natural Science - General (SG) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FAS 361: Research Methods (L or SB) OR SOC 391: Research Methods (L or SB) | 3 | C | |
| FAS 331: Marriage and Family Relationships (SB) | 3 | C | |
| FAS 370: Family Ethnic and Cultural Diversity (SB & C) | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division FAS or CDE Elective | 3 | C | • Research employment opportunities.<br>• For the Upper Division FAS or CDE Elective, students should choose from the course lists provided below. |
| Upper Division Science and Society Elective | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division FAS or CDE Elective | 3 | C | • Gather professional references. |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division FAS or CDE Elective | 3 | C | • Apply for full-time career opportunities. |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| CDE Electives |
| --- |
| CDE 244: Children Facing Health Care Challenges |
| CDE 312: Adolescence (SB) |
| CDE 337: Early Childhood Intervention |
| CDE 338: Child Development Practicum |
| CDE 418: Aging and the Life Course (SB & H) |
| CDE 430: Infant/Toddler Development in the Family (SB) |
| CDE 450: Child Dysfunction in the Family |

| FAS Electives |
| --- |
| FAS 264: Gender and Society (SB & C) |
| FAS 301: Introduction to Parenting |
| FAS 324: Work and the Workplace (SB & H) |
| FAS 332: Human Sexuality (SB) |
| FAS 390: Supervised Research Experience |
| FAS 435: Advanced Marriage and Family Relationships (L or SB) |
| FAS 440: Fundamentals of Marriage and Family Therapy |
| FAS 484: Internship |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Family and Human Development, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAFASBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) OR FAS 101: Personal Growth in Human Relationships (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students<br>• Select a career interest area and play me3@ASU. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY OR SOC Elective | 3 | C | • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) OR FAS 101: Personal Growth in Human Relationships (SB) | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • This degree requires completion of MAT 142 with a grade of C or better. Transfer students who have not completed a math course directly equivalent to an ASU course meeting the requirement will be required to take an additional math course.<br>• Build your professional connections -- join the ASU Mentor Network |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| Term hours subtotal: | 7 | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY OR SOC Elective | 3 | C | • Develop your skills |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FAS 361: Research Methods (L or SB) OR SOC 391: Research Methods (L or SB) | 3 | C | |
| FAS 331: Marriage and Family Relationships (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FAS 370: Family Ethnic and Cultural Diversity (SB & C) | 3 | C | |
| FAS Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division FAS or CDE Elective | 3 | C | • For the Upper Division FAS or CDE Electives, students should choose from the course lists below. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Science and Society Elective | 3 | C | • Research employment opportunities |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division FAS or CDE Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division FAS or CDE Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | • Gather professional references |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | • Apply for full-time career opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Elective | 3 | | |
| Term hours subtotal: | 3 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| CDE Electives |
| --- |
| CDE 244: Children Facing Health Care Challenges |
| CDE 312: Adolescence (SB) |
| CDE 418: Aging and the Life Course (SB & H) |
| CDE 430: Infant/Toddler Development in the Family (SB) |
| CDE 450: Child Dysfunction in the Family |

| FAS Electives |
| --- |
| FAS 264: Gender and Society (SB & C) |
| FAS 301: Introduction to Parenting |
| FAS 324: Work and the Workplace (SB & H) |
| FAS 332: Human Sexuality (SB) |
| FAS 390: Supervised Research Experience |
| FAS 435: Advanced Marriage and Family Relationships (L or SB) |
| FAS 440: Fundamentals of Marriage and Family Therapy |
| FAS 484: Internship |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.50 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Film (Film and Media Studies), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAFMSBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS 100: Introduction to Film and Media Studies (HU) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS 200: Film and Media History ((L or HU) & H) | 3 | C | • Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 14 |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS OR FMP Elective | 3 | C | • Explore an internship |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C) | 3 | C | |
| *Complete 2 courses:*<br>Directed Electives | 6 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C) | 3 | C | • Research employment opportunities |
| Directed Electives | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C) | 3 | C | • Apply for full-time career opportunities |
| Directed Electives | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Directed Electives | 3 | C | |
| FMS OR FMP Upper Division Elective OR FMS 484: Internship | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Directed Electives |
| --- |
| FMS 209: Screenwriting Fundamentals |
| FMS 302: U.S. Media Industries |
| FMS 340: Contemporary American Film and Popular Culture (HU) |
| FMS 360: Media Genres |
| FMS 374: Film and Media Visionaries |
| FMS 375: LGBTV: Television and Sexuality |
| FMS 461: Film Theory and Criticism |
| FMS 474: Women and Power in Media |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Film (Film and Media Studies), BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAFMSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS 100: Introduction to Film and Media Studies (HU) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• View ASU Online first-year student registration information here.<br>• Select your career interest area and play me3@ASU. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 21 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Join a student club or professional organization |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 21 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS 200: Film and Media History ((L or HU) & H) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 28 - 35 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 35 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Contact Career and Professional Development Services and schedule an appointment with a career advisor for assistance with career planning and networking. |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 41 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS OR FMP Elective | 3 | C | • Explore an internship |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C) | 3 | C | |
| Directed Electives | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 59 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Directed Electives | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 66 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C) | 3 | C | • Research employment opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C) | 3 | C | |
| Upper Division Elective | 3 | | |

| | | | |
|---|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Directed Electives | 3 | C | • Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Directed Electives | 3 | C | • Create or update your resume. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | • Use Handshake to research employment opportunities. |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ FMS OR FMP Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | • Apply for full-time career opportunities. |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Directed Electives | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Directed Electives

FMS 209: Screenwriting Fundamentals

FMS 340: Contemporary American Film and Popular Culture (HU)

FMS 360: Media Genres

FMS 374: Film and Media Visionaries

FMS 461: Film Theory and Criticism

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## French, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAFREBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language are required to take a placement test.<br>• Learn about French Language Intensive Courses<br>• Students may opt to take FRE 110 Intensive French I (equivalent to FRE 101 and FRE 102) in term 1. This course is offered in the Fall semester.<br>• Engage in French at ASU |
| FRE 101: Elementary French I (G) | 4 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Start planning your study abroad experience. Learn about faculty-directed summer programs in QuÃ©bec, Canada, and in Lyon, France. Attend a Financing Your Study Abroad Program Workshop.<br>• Activate your Handshake account and build out your profile.<br>• Students may opt to take FRE 210 Intensive French II (equivalent to FRE 201 and FRE 202) in term 2. This course is offered in Spring only. |
| FRE 102: Elementary French II (G) | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FRE 201: Intermediate French I (G) | 4 | C | • Meet with a School of International Letters and Cultures academic advisor to learn about internships and scholarships and awards for language and culture majors.<br>• French offers a huge advantage if you are interested in working for the Peace Corps. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:*<br>Elective | 5 | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C | • Meet with a School of International Letters and Cultures academic advisor to learn which semester or academic year study abroad program works best with your major. |
| FRE 202: Intermediate French II (G) | 4 | C | |
| Upper Division Related Area Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FRE 305: Readings in French Literature (G) | 3 | C | • Enroll in listed courses or meet with your academic advisor about participating in an International Letters and Cultures endorsed study abroad program for your major.<br>• Find out about research opportunities with the Humanities Lab at ASU. |
| FRE 311: Oral and Written Expression I (G) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FRE 312: Oral and Written Expression II (G) | 3 | C | • Learn about national scholarships, fellowships, and research opportunities.<br>• Secure a part-time job or volunteer experience.<br>• Use Handshake to research employment opportunities. |
| FRE 321: French Cultural Masterpieces I ((L or HU) & H) OR FRE 322: French Cultural Masterpieces II (L or HU) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FRE 321: French Cultural Masterpieces I ((L or HU) & H) OR FRE 322: French Cultural Masterpieces II (L or HU) | 3 | C | • Enroll in listed courses or meet with your academic advisor about participating in an International Letters and Cultures recommended study abroad program for your major. |
| *Complete 2 courses:*<br>FRE 4** Elective | 6 | C | |
| Upper Division Elective OR FRE 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| FRE 4** Elective | 3 | C | • Attend an ASU Career Services workshop or Job Fair. |
| FRE Upper Division Elective | 3 | C | |

| | | |
|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | | 6 |
| Elective | | 3 |
| | Term hours subtotal: | 15 |

Hide Course List(s)/Track Group(s)

| Related Area Course |
|---|
| ARS 310: The Renaissance in Tuscany |
| ARS 414: Monasteries, Madonnas and Manuscripts (HU & H) |
| ARS 424: Italian Baroque Art (HU & H) |
| ARS 438: Art of the 20th Century I (HU & H) |
| ARS 439: Art of the 20th Century II (HU & H) |
| COM 371: Language, Culture, and Communication (SB & C & G) |
| FMP 404: World Cinema (G) |
| GCU 325: Geography of Europe (SB & G) |
| GCU 359: Cities of the World I (SB & G & H) |
| HST 349: Early Middle Ages ((HU or SB) & H) |
| HST 350: Later Middle Ages ((HU or SB) & H) |
| HST 351: Renaissance Europe ((L or HU or SB) & H) |
| HST 352: Europe's Reformations ((L or HU or SB) & H) |
| HST 356: Europe since 1945 (SB & G & H) |
| HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) |
| HST 361: Witchcraft and Heresy in Europe ((L or HU) & H) |
| HST 362: Sex and Society in Classical and Medieval Europe (SB & H) |
| HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H) |
| HST 364: Sex and Society in Modern Europe ((L or SB) & H) |
| HST 365: World Wars I and II: Europe's Eastern Front |
| HST 368: Culture and Imagination in European History (HU & H) |

HST 465: Women in Europe, 1750 to Present ((HU or SB) & H)

ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy

POS 356: European Union (SB & G)

POS 360: World Politics (SB & G)

POS 486: International Political Economy (SB & G)

REL 372: Formation of the Christian Tradition (HU & H)

REL 385: Contemporary Western Religious Thought (HU)

REL 470: Religion in the Middle Ages (HU & H)

REL 471: Reformation and Modern Christianity (HU & H)

SGS 360: Cultural Aspects of Globalization

SLC 340: Approaches to International Cinema (HU & G)

SLC 373: Roman History I: Foundations and Republic

SLC 374: Roman History II: The Roman Empire

SLC 423: Italian Organized Crime in Films and History ((L or HU) & G)

SLC 429: Studies in European Literature and Culture ((L or HU) & G & H)

SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)

SLC 445: The Holocaust in German-Mediated Memory

SLC 446: Weimar-Era German Film

SLC 447: German Modernism

SLC 455: Berlin: Migration, Arts and Activism (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that

guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Geographic Information Science, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAGISBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • MAT 170 is the required math course for this major. If a student does not qualify for MAT 170 enrollment, they should enroll in MAT 117 to prepare for MAT 170.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students will select two related area courses from the list of prefixes below.<br>• Play me3@asu.edu and select your area of career interest. |
| Mathematics (MA) | 3 | C | |
| Related Area Course | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Students will select two related area courses from the list of prefixes below.<br>• Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| GIS 205: Geographic Information Science I (CS) | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 211: Geographic Information Science II (CS) | 4 | C | • For a full list of Science and Society courses, go here. |
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete First-Year Composition requirement. | | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 222: Programming Principles in GIS I | 3 | C | • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| GIS 311: Geographic Information Science III (CS) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 322: Programming Principles in GIS II | 3 | C | • Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here.<br>• Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here.<br>• Students interested in pursuing an accelerated master's degree in urban and environmental planning should initiate contact with graduate advising |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 470: Advanced Statistics for Geography and Planning (CS) | 3 | | • Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here.<br>• Develop your professional online presence. |
| GIS Upper Division Elective | 3 | C | |
| Upper Division Elective OR GIS 484: Internship | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS Upper Division Elective | 3 | C | • Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here.<br>• For more information on the Science and Society requirement, visit this webpage. |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|---|---|---|---|

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ Upper Division GIS Applied Experience Course | 3 | C | |
| ★ GIS Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:* Upper Division Elective | 5 | | |
| Term hours subtotal: | 14 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| GIS Applied Experience Courses | Related Area Courses |
|---|---|
| GIS 484: Internship | CEE OR CSE OR EEE OR EGR OR FSE OR GCU OR GIS OR GPH OR IEE OR PUP Elective |
| GIS 498: Pro-Seminar | |
| GIS 499: Individualized Instruction | |
| GPH 492: Honors Directed Study | |
| GPH 493: Honors Thesis (L) | |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Geographic Information Science, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAGISBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • MAT 170 is the required math course for this major. If a student does not qualify for MAT 170 enrollment, they should enroll in MAT 117 to prepare for MAT 170.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest area and play me3@asu.edu. |
| Mathematics (MA) | 3 | C | |
| ASU 101-LA: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here.<br>• Mathematics Placement Assessment score determines placement in mathematics course. |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 205: Geographic Information Science I (CS) | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| GIS 222: Programming Principles in GIS I | 3 | C |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| Term hours subtotal: | 6 | |

- GIS 222 is offered in Session A of every Fall semester. If your specific Term 3-A is in a Spring semester, your major course would be GIS 211.
- Network in your career interest area.

| Term 3 - B 31 - 38 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Develop your professional skills. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 211: Geographic Information Science II (CS) | 4 | C | • GIS 211 is offered in Session A of every Spring semester. If your specific Term 4-A is in a Fall semester, your major course would be GIS 222. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. More information on internships is available here. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 270: Statistics for Geography and Planning | 3 | C | • For a full list of Science and Society courses, go here. |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 64 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 311: Geographic Information Science III (CS) | 4 | C | • GIS 311 is offered in Session B of every Spring semester. If your specific Term 5-B is in a Fall semester, your major course would be GIS 322.<br>• Develop your professional online presence. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 64 - 70 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 70 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ★ GIS 322: Programming Principles in GIS II | 3 | C |
| Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

- GIS 322 is offered in Session B of every Fall semester. If your specific Term 6-B is in a Spring semester, your major course would be GIS 311.
- Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on graduate programs offered through ASU's School of Geographical Sciences and Urban Planning is available here.

| Term 7 - A 76 - 82 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIS 470: Advanced Statistics for Geography and Planning (CS) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 82 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:* Elective | 5 | | |
| Term hours subtotal: | 8 | | |

- Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here.
- Create a first draft resume.

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Complete an in person or virtual practice interview.

| Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Gather professional references.

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- For more information about the Science and Society requirement, visit this webpage.
- Students planning to enter the job market should apply for full-time career opportunities.

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division GIS Applied Experience Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| GIS Applied Experience Courses | Related Area Courses |
|---|---|
| GIS 484: Internship | CEE OR CSE OR EEE OR EGR OR FSE OR GCU OR GIS OR GPH OR IEE OR PUP Elective |
| GIS 498: Pro-Seminar | |
| GIS 499: Individualized Instruction | |
| GPH 492: Honors Directed Study | |
| GPH 493: Honors Thesis (L) | |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Geography, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAGCUBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Set up your Handshake account, play me3@ASU and select your career interest area. |
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 4 | C | • Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU OR GIS OR GPH Upper Division Elective | 3 | C | • Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here.<br>• Students interested in pursuing an accelerated master's degree in geography or urban and environmental planning should initiate contact with graduate advising |
| Related Area Course | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU Upper Division Elective OR GCU 484: Internship | 3 | C | • Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate |
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |

| | | |
|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

programs offered through the School of Geographical Sciences and Urban Planning is available here.

- Use Handshake to research employment opportunities

| Term 7 91 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GCU OR GIS OR GPH Upper Division Elective | 3 | C | • Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here. |
| GCU Upper Division Elective OR GCU 484: Internship | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GCU 496: Geographic Research Methods (L) | 3 | C | |
| GCU OR GIS OR GPH Upper Division Elective | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|---|
| ASB OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Geography, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAGCUBA

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | • Selection of general studies courses will be determined by elective courses taken that can also be used toward the major.<br>• View ASU Online first-year student registration information here.<br>• Set up your Handshake account, play me3@asu and select your career interest area. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Visit Career and Professional Development Services and speak with a career advisor for assistance with career planning and networking. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 37 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Create your professional online presence on LinkedIn. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 44 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 58 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 58 - 65 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here. |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 65 - 72 Credit Hours Necessary course signified by | | Minimum | |
|---|---|---|---|

| | Hours | Grade | Notes |
|---|---|---|---|
| GCU Upper Division Elective | 3 | C | • Students interested in continuing to graduate study following the completion of the bachelors program should start investigating potential graduate programs including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 2 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 78 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU Upper Division Elective | 3 | C | • Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU OR GIS OR GPH Upper Division Elective | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU OR GIS OR GPH Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|---|---|---|---|

| Term 9 - B 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ GCU OR GIS OR GPH Upper Division Elective | 3 | C | • Gather professional references.<br>• Update and polish your resume. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GCU 496: Geographic Research Methods (L) | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Related Area Courses

ASB OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Geography, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAGCUBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 4 | C | • For a full list of Science and Society courses, go here. |
| Science and Society Elective | 3 | C | |

| | | |
|---|---|---|
| *Complete 3 courses:*<br>Elective | 9 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 270: Statistics for Geography and Planning | 3 | C | • Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here. |
| Related Coursework | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU OR GIS OR GPH Upper Division Elective | 3 | C | • Students interested in conducting supervised research should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in SGSUP is available here.<br>• For more information on the Science and Society requirement, go here.<br>• Students interested in pursuing an accelerated master's degree in geography or urban and environmental planning should initiate contact with graduate advising |
| Related Coursework | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS Upper Division Elective | 3 | C | • Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here.<br>• Use Handshake to research employment opportunities. |
| GPH Upper Division Elective OR GPH 484: Internship | 3 | C | |
| Related Coursework | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GPH Upper Division Elective OR GPH 484: Internship | 3 | C | • Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ GCU 496: Geographic Research Methods (L) | 3 | C | |
| GCU OR GIS OR GPH Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 5 | | |
| Term hours subtotal: | 14 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Related Coursework |
|---|
| ASM OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Geography, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAGCUBS

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | • View ASU Online first-year student registration information here.<br>• Set up your Handshake account, play me3@asu and select your career interest area. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • Mathematics Placement Assessment score determines placement in mathematics course |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 4 | C |
| Elective | 3 | |
| Term hours subtotal: | 7 | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Science and Society Elective | 3 | C | • For a full list of Science and Society courses, go here. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Create your online professional presence on LinkedIn. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU OR GIS OR GPH Upper Division Elective | 3 | C | • Visit Career and Professional Development Services and schedule an appointment to speak with a career advisor for assistance with career planning and networking. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GPH Upper Division Elective | 3 | C | • Students interested in continuing to graduate study following the completion of the bachelors program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

graduate programs offered through the School of Geographical Sciences and Urban Planning is available here.

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GPH Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | • Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here. |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GCU OR GIS OR GPH Upper Division Elective | 3 | C | • For more information about the Science and Society requirement, go here. |
| Upper Division Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Related Area Course | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | • Gather professional references<br>• Update and polish your resume |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GCU 496: Geographic Research Methods (L) | 3 | C | |

| | | | |
|---|---|---|---|
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 3 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses

ASM OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Geography (Meteorology-Climatology), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAGCUMBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. GPH 191 is also recommended.<br>• Set up your Handshake account, play me3 and select your career area of interest. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here.<br>• GPH 213 is recommended for the Science and Society requirement. For a full list of Science and Society courses, go here. |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 4 | C | • Students should meet with their academic advisor to discuss the requirements to obtain National Weather Service certification. |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |

| | | |
|---|---|---|
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GPH 409: Synoptic Meteorology I | 4 | C | • GPH 409 is offered once every two years--during the Fall semester of odd-numbered years (so it may be a Term 7 course)<br>• Students interested in completing an internship should start investigating internship opportunities. Information on internships is available here.<br>• Students interested in conducting supervised research should initiate contact with faculty members who perform research in their content area of interest. More information is available here.<br>• For more information on the Science and Society requirement, go here.<br>• Students interested in pursuing an accelerated master's degree in geography or urban and environmental planning should contact graduate advising |
| GIS Upper Division Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GPH 410: Synoptic Meteorology II | 4 | C | • GPH 410 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course).<br>• GPH 412 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course).<br>• Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and |
| GPH 412: Physical Meteorology | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here.

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GPH 474: Dynamic Meteorology I | 3 | C | • GPH 474 is offered once every two years--during the Fall semester of even-numbered years (so it may be a Term 5 course)<br>• Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here.<br>• Students should verify with their academic advisor that they will meet all requirements necessary to obtain National Weather Service certification after graduation. |
| Upper Division Elective OR GCU 484: Internship OR GIS 484: Internship OR GPH 484: Internship | 3 | | |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GPH 475: Dynamic Meteorology II | 3 | C | • GPH 475 is offered once every two years--during the Spring semester of odd-numbered years (so it may be a Term 6 course) |
| ★ GCU 496: Geographic Research Methods (L) | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 7 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map
# Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location:
CSJMCBA

# and
# Geography
# (Meteorology-Climatology), BS

The College of Liberal Arts and Sciences
LAGCUMBS

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 101: Grammar for Journalists | 1 | B- | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students should take a placement exam, regardless of prior credit earned. |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| JMC 120: Studio Production | 1 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 35 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GPH 111: Introduction to Physical Geography (SQ) | 3 | C | • Select your career interest area and play me3@ASU |
| GPH 112: Introduction to Physical Geography Lab (SQ) | 1 | C | |
| JMC 201: News Reporting and Writing (L) | 3 | C | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 18 | |

| **Term 3 35 - 53 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 301: Intermediate Reporting and Writing (L) | 3 | C | • Develop your professional online presence<br>• Develop your skills |
| JMC 305: Multimedia Journalism | 3 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 18 | | |

| **Term 4 53 - 71 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • Students should consult with an academic adviser to determine a journalism path and appropriate course selections for JMC Advanced Skill courses. |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| JMC 345: Videography | 3 | C | |
| JMC 366: Journalism Ethics and Diversity | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent).<br>AND<br>Global Awareness (G) | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| **Term 5 71 - 87 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 330: Television Reporting | 3 | C | • GPH 409 is offered once every two years--during the Fall semester of odd-numbered years (so it may be a Term 7 course)<br>• GPH 314 meets the upper division science and society requirement<br>• Explore an internship |
| GPH 212: Introduction to Meteorology (SQ) | 3 | C | |
| GPH 314: Global Change (HU & G) | 3 | | |
| GPH 409: Synoptic Meteorology I | 4 | C | |
| JMC 402: Mass Communication Law | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 6 87 - 103 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 484: Internship | 3 | Y | |

| | | | |
|---|---|---|---|
| | GPH 213: Climate and Weather (SG) OR Science and Society Elective | 3 | C |
| | GPH 410: Synoptic Meteorology II | 4 | C |
| | GPH 412: Physical Meteorology | 3 | C |
| | Upper Division JMC Advanced Skills Course | 3 | C |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| ★ | Minimum 2.50 GPA ASU Cumulative. | | |
| | Term hours subtotal: | 16 | |

- GPH 410 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course)
- GPH 412 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course)
- Advanced Skills Course should be selected in consultation with your academic advisor
- The Science and Society course list is found here.

| Term 7 103 - 121 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JMC 478: Cronkite News: Phoenix Bureau | 3 | C | • GPH 474 is offered once every two years--during the Fall semester of even-numbered years (so it may be a Term 5 course)<br>• Complete an in person or virtual practice interview |
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| GPH 474: Dynamic Meteorology I | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| SOC 101: Introductory Sociology (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | | |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| Term 8 121 - 139 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GPH 475: Dynamic Meteorology II | 3 | C | • GPH 475 is offered once every two years--during the Spring semester of odd-numbered years (so it may be a Term 6 course) |
| ★ JMC 473: The Business and Future of Journalism | 3 | C | |
| ★ JMC OR MCO Upper Division Elective | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| GIS 205: Geographic Information Science I (CS) | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

- 
  - Advanced Skills course should be selected in consultation with academic advisor.
  - All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Philosophy | U.S. History | Advanced Skills Courses |
|---|---|---|

HON 171: The Human Event (L or HU)

PHI 101: Introduction to Philosophy (HU)

PHI 103: Principles of Sound Reasoning (L or HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)

HST 334: African American History Since 1865 ((HU or SB) & C & H)

HST 337: American Indian History to 1900 ((HU or SB) & C & H)

HST 338: American Indian History since 1900 ((HU or SB) & C & H)

JMC 320: Newscast Producing

JMC 351: Photojournalism I

JMC 412: Opinion Writing

JMC 413: Advanced Editing

JMC 414: Digital Graphic Design

JMC 421: Advanced Digital Storytelling

JMC 430: Sports Marketing and Campaigns

JMC 434: Advanced Bilingual Reporting

JMC 437: Documentary Production

JMC 440: Magazine Writing

JMC 441: Narrative Writing and Reporting.

JMC 451: Photojournalism II

JMC 453: Reporting on Business and the Economy

JMC 455: Digital Media Entrepreneurship

JMC 457: Advanced Radio Reporting

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 470: Depth Reporting

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 480: Cronkite News: Phoenix Sports Bureau

JMC 481: Cronkite News: Los Angeles Sports Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 139
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## German, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAGERBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level language courses. Students with previous experience in the language are required to take a language placement test.<br>• In term 1, students may opt to take GER 110, a 6 credit German intensive language course equivalent to GER 101 and GER 102.<br>• Engage in German at ASU. Practice your language skills at the SILC Cafe. |
| GER 101: Elementary German I (G) | 4 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Start planning your study abroad experience. Learn about ASU Study Abroad faculty-directed summer program in Regensburg, Germany offered through the School of International Letters and Cultures and the ASU Study Abroad Office .<br>• Attend an ASU Study Abroad Financing Your Study Abroad Program Workshop.<br>• In term 2, students may opt to take GER 210, a 6 credit German intensive language course, equivalent to GER 201 and GER 202. |
| GER 102: Elementary German II (G) | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GER 201: Intermediate German I (G) | 4 | C | • Explore your career interest areas.<br>• Learn about research opportunities through the ASU Humanities Lab. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |

| | | |
|---|---|---|
| *Complete 2 courses:*<br>Elective | 6 | |
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 16 | |

| **Term 4 46 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | | • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.<br>• Learn about national scholarships, fellowships, and research opportunities. |
| GER 202: Intermediate German II (G) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| GER 312: Readings in German Culture (G) | 3 | C | • Enroll in listed courses or in an ASU Study Abroad, School of International Letters and Cultures endorsed semester or academic year exchange program abroad in Germany at University of Heidelberg or University of Regensburg or University of Tuebingen.<br>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.<br>• Learn about internships, scholarships and awards for language majors. |
| GER 310: Advanced German Grammar and Composition I (G) OR GER 311: German Conversation (G) OR GER 313: Advanced German Grammar and Composition II (G) OR GER 319: Business German (G) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| GER 310: Advanced German Grammar and Composition I (G) OR GER 311: German Conversation (G) OR GER 313: Advanced German Grammar and Composition II (G) OR GER 319: Business German (G) | 3 | C | • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.<br>• Use Handshake to research employment opportunities. |
| *Complete 2 courses:*<br>Upper Division German Elective | 6 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR GER 484: Internship | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| GER 422: German Literature Survey, 1800-Today (L or HU) | 3 | C | • Learn about ways to build your skills. |
| Upper Division German Elective | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ *Complete 2 courses:*<br>Upper Division German Elective | 6 | C | • Attend an ASU Career Services workshop or Job Fair. |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Upper Division German Elective

- GER 310: Advanced German Grammar and Composition I (G)
- GER 311: German Conversation (G)
- GER 313: Advanced German Grammar and Composition II (G)
- GER 319: Business German (G)
- GER 394: Special Topics
- GER 431: German Humor
- GER 441: Fairy Tales (HU & G)
- GER 445: The Holocaust in German-Mediated Memory
- GER 446: Weimar-Era German Film
- GER 447: German Modernism
- GER 455: Berlin: Migration, Arts and Activism (G)
- GER 492: Honors Directed Study
- GER 493: Honors Thesis (L)
- GER 494: Special Topics
- GER 499: Individualized Instruction

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Global Health, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASSHBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 100: Introduction to Global Health (SB & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASB 191 satisfies this requirement.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest area and play me3@ASU.<br>• Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR Global Health Elective in Related Areas | 3-4 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16-17 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 394: Statistics for Social Scientists OR ASM 201: Epidemics and Outbreaks OR ASM 494: Bayesian Statistics in Theory and Practice OR HCD 300: Biostatistics (CS) OR PBH 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | C | • Secure a part-time job or volunteer experience.<br>• Develop your skills. |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Second language requirement must be completed by term 4.<br>• All global health majors are required to go on a study abroad program either the summer after term 4, or the summer after term 6. The six hours in term Summer 4 reflect the six hours that must be completed abroad through the School of Human Evolution and Social Change. Please see academic advisor for study abroad program options.<br>• Explore an internship. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Summer 4 60 - 66 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) | 6 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 66 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Global Health Core Course | 3 | C | • Develop your professional online presence. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 81 - 96 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Global Health Core Course | 3 | C | • Research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| Global Health Elective in Related Areas | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 96 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Global Health Core Course | 3 | C | • Study abroad requirement must be completed by term 7. |
| *Complete 3 courses:* | | | |

| | | |
|---|---|---|
| Upper Division Elective | 9 | |
| Term hours subtotal: | 12 | |

- Gather professional references.
- Apply for full-time career opportunities.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Global Health Practicum | 3 | C | |
| Global Health Elective in Related Areas | 3 | C | |
| Upper Division Elective OR ASB 484: Internship | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Global Health Core |
|---|
| AFR 383: Blacks in Science, Medicine and Public Health |
| ASB 300: Food and Culture ((L or SB) & C) |
| ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) |
| ASB 305: Poverty and Global Health ((L or SB) & G) |
| ASB 316: Money and Culture (L or SB) |
| ASB 327: Disaster! ((L or SB) & C) |
| ASB 355: Traditional Medicine and Healing (HU or SB) |
| ASB 357: Society, Drugs and Health (SB & G) |
| ASB 370: Ethics of Eating (L or SB) or SOS 370: Ethics of Eating (L or SB) |
| ASB 376: Global Health Policy |
| ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) or TCL 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) |
| ASB 457: Global Mental Health ((L or SB) & G) |
| ASB 462: Medical Anthropology: Culture and Health (SB & C) |
| ASM 345: Disease and Human Evolution |
| ASM 401: Health and Human Biology |
| ASM 403: Evolutionary Medicine and Global Health |

| Global Health Elective in Related Areas |
|---|
| ABS 394: Food and Human Health |
| ASB 102: Introduction to Cultural Anthropology (SB & G) |
| ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C) |
| ASB 210: Human Sexuality: Anthropological Perspectives (SB & G) |
| ASB 211: Women in Other Cultures ((HU or SB) & G) |
| ASB 220: The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective ((L or HU or SB) & C) |
| ASB 250: Introduction to Evolution and Medicine (SB & G) |
| ASB 272: Environmental Justice (SB) |
| ASB 275: Culture, Language and Learning (SB & C) |
| ASB 294: Building Babies |
| ASB 294: Identity, Culture and Conflict |
| ASB 322: Peoples of Latin America ((L or SB) & G) |
| ASB 325: Peoples of Southeast Asia (G) |
| ASB 343: Latinas/os and the Environment |
| ASB 345: Culture and Society Transformation |
| ASB 348: The Borders of Language (L) |
| ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) or SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) |

| Global Health Elective in Related Areas continued |
|---|
| BIO 494: Obesity:Physiology to pathophysiology to treatment |
| BIO 494: Solutions in Vaccine Design for Global Health |
| ENG 203: Introduction to Health Humanities |
| ENG 394: Interdisciplinary Health Humanities |
| HCD 201: Economics for Health Majors |
| HCR 230: Culture and Health (C & G) |
| HSC 310: Health Communication |
| HST 312: History of Women in Science and Medicine (HU or SB) |
| IDS 355: Peace Corps Seminar (G) |
| JUS 350: Immigration and Justice (SB & C) |
| JUS 352: The Global Politics of Human Rights (SB & G) |
| JUS 370: Cultural Diversity and Justice ((L or HU) & C) |
| JUS 374: The Holocaust, Genocide, and Human Rights |
| JUS 394: Health Disparities & Inequalities |
| JUS 394: Human Rights |
| MIC 498: HIV/AIDS Prevention Education in Africa |
| NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability |
| POS 300: Contemporary Global Controversies (SB & G) |

ASM 456: Infectious Disease and Human Evolution

HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)

HST 304: Black Death:Pandemic Disease in the Medieval World

MIC 314: HIV/AIDS: Science, Behavior, and Society

SGS 340: Violence, Conflict and Human Rights

SGS 350: Economic Development and Globalization

SOC 424: Women and Health (SB)

SOC 427: Sociology of Health and Illness (SB)

SOC 448: Epidemics and Society (SB & G)

TCL 323: Latina/o Health Issues (SB & C)

TCL 326: Health of Chicanas and Latinas (SB & C)

TCL 327: Health and Migration (SB)

TCL 410: Race, Medicine, and the Body (L) or SOC 410: Race, Medicine, and the Body (L)

TCL 447: Gender, Culture, and Development ((L or SB) & G) or SGS 454: Gender, Culture, and Development ((L or SB) & G) or SOS 447: Gender, Culture, and Development ((L or SB) & G) or WST 447: Gender, Culture, and Development ((L or SB) & G)

WST 360: Women as Healers (SB & G)

WST 365: Women and International Health (G)

WST 380: Race, Gender, and Class (SB & C) or AMS 380: Race, Gender, and Class (SB & C) or ETH 380: Race, Gender, and Class (SB & C)

WST 440: Politics of Women's Health (SB & C)

WST 444: Gender, Health, and Bodies (SB)

Global Health Practicum

ASB 395: Research Methods (SB & G)

ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB)

ASB 362: People and Plants

ASB 371: Language Hegemony and Culture

ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)

ASB 380: Language, Culture and Gender (SB)

ASB 363: From Cells to Society: Understanding Complexity

ASB 408: Advanced Evolutionary Medicine

ASB 463: Political Ecology of the Border (SB & G)

ASB 466: Peoples and Cultures of Africa (SB & G)

ASB 494: Applied Epidemiology

ASB 494: Ethnography of Schooling in the Borderlands

ASB 494: Facing Immigration

ASB 448: Maternal and Child Health

ASB 494: Reproductive Ecology

ASM 104: Bones, Stones, and Human Evolution (SB or SG)

ASM 201: Epidemics and Outbreaks

ASM 246: Human Origins (SB)

ASM 275: Forensic Anthropology (SB or SG)

ASM 342: Evolution of Human Behavior

ASM 403: Evolutionary Medicine and Global Health

ASM 494: Evolution and Mental Disorders

POS 367: World Politics and Global Inequalities (G)

POS 368: Ethics and Human Rights

POS 480: Global Justice (G)

PSY 394: Child Development & Global Health

SGS 303: Global Trends (SB & G)

SGS 304: Foundations of Cross-Cultural Awareness

SGS 341: Humanitarian Crisis and International Intervention

SGS 360: Cultural Aspects of Globalization

SGS 394: Global Problems and Debates

SGS 394: Peace/Conflict/Human Rights

SGS 394: Politics of Global Justice

SOC 352: Social Change (SB & G & H)

SOC 418: Aging and the Life Course (SB & H)

SOC 426: Social Inequality (SB)

SOC 448: Epidemics and Society (SB & G)

WST 394: Fast Food Nation

WST 460: Women and the Body (SB & C)

WST 471: Women's International Human Rights

ASB 455: Practicum for Social Sciences (SB)

ASB 484: Internship

ASB 494: Access, Equity and Inclusion in Higher Education

ASB 494: Research Practicum II

ASB 499: Individualized Instruction

ASM 414: Environmental Health (SB)

POS 464: Border Cities: Action Research on Globalization (SB & G)

TCL 321: Transborder Community Development and Health or SOC 320: Transborder Community Development and Health

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Global Health, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LASSHBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 100: Introduction to Global Health (SB & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest area and play me3@ASU. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR Global Health Elective in Related Areas | 3-4 | C | • Create a first draft resume.<br>• View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6-7 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • ASU Language Placement: Only those students with no experience with the language may take a 101-level course. All other students are required to take a language placement exam, regardless of prior credit earned.<br>• Students who choose to complete ASM 104 in term 2-A only need two elective credit hours in term 5-B.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • Mathematics Placement Assessment score determines placement in mathematics course |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

| | | | |
|---|---|---|---|
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | • Join a student club or professional organization. |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Develop your skills. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 33 - 40 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 40 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASB 394: Statistics for Social Scientists OR ASM 201: Epidemics and Outbreaks OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | C | • Explore an internship. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 46 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) | 6 | C | • All global health online majors are strongly encouraged to go on a summer study abroad program to fulfill major requirements. The six hours in term Term 5-A reflect the six hours that must be completed abroad, or with two additional Global Health core courses through the School of Human Evolution and Social Change. Please contact your academic advisor for travel dates and options, or to inquire about petitioning for a substitution.<br>• For more information about planning and paying for your study abroad program, please go here. |
| Term hours subtotal: | 6 | | |

| Term 5 - B 59 - 66 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | • Students who choose to complete ASM 104 in term 2-A need only complete two elective hours in term 5-B.<br>• Develop your professional online presence. |
| Elective | 3-2 | | |
| Term hours subtotal: | 7-6 | | |

| Term 6 - A 66 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Global Health Core Course | 3 | C | • Complete an in person or virtual practice interview. |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 78 - 84 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Global Health Core Course | 3 | C | • Research employment opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Global Health Core Course | 3 | C | • Secure a part-time job or volunteer experience. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Global Health Practicum | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Global Health Elective in Related Areas | 3 | C | • Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | • Apply for full-time career opportunities. |

| | | |
|---|---|---|
| Term hours subtotal: | 6 | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Global Health Elective in Related Areas | 3 | C | • Study abroad requirement should be completed by Term 10-A. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

| Global Health Core | Global Health Elective in Related Areas | Global Health Practicum |
|---|---|---|
| ASB 300: Food and Culture ((L or SB) & C) | ASB 102: Introduction to Cultural Anthropology (SB & G) | ASB 395: Research Methods (SB & G) |
| ASB 301: Global History of Health (SB & G & H) | ASB 210: Human Sexuality: Anthropological Perspectives (SB & G) | ASB 455: Practicum for Social Sciences (SB) |
| ASB 305: Poverty and Global Health ((L or SB) & G) | ASB 250: Introduction to Evolution and Medicine (SB & G) | ASB 484: Internship |
| ASB 316: Money and Culture (L or SB) | ASB 294: Building Babies | ASM 414: Environmental Health (SB) |
| ASB 327: Disaster! ((L or SB) & C) | ASB 294: Identity, Culture and Conflict | |
| ASB 357: Society, Drugs and Health (SB & G) | ASB 322: Peoples of Latin America ((L or SB) & G) | |
| ASB 370: Ethics of Eating (L or SB) | ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) or SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) | |
| ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) | ASB 362: People and Plants | |
| ASB 462: Medical Anthropology: Culture and Health (SB & C) | ASB 380: Language, Culture and Gender (SB) | |
| ASM 403: Evolutionary Medicine and Global Health | ASB 363: From Cells to Society: Understanding Complexity | |
| ASM 345: Disease and Human Evolution | ASB 408: Advanced Evolutionary Medicine | |
| SGS 350: Economic Development and Globalization | ASB 448: Maternal and Child Health | |
| SOC 424: Women and Health (SB) | ASM 104: Bones, Stones, and Human Evolution (SB or SG) | |
| SOC 427: Sociology of Health and Illness (SB) | ASM 201: Epidemics and Outbreaks | |
| WST 365: Women and International Health (G) | ASM 246: Human Origins (SB) | |
| WST 380: Race, Gender, and Class (SB & C) | ASM 275: Forensic Anthropology (SB or SG) | |
| | HCR 230: Culture and Health (C & G) | |
| | HSC 310: Health Communication | |
| | JUS 350: Immigration and Justice (SB & C) | |
| | JUS 374: The Holocaust, Genocide, and Human Rights | |

| |
|---|
| NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability |
| POS 300: Contemporary Global Controversies (SB & G) |
| POS 368: Ethics and Human Rights |
| SGS 303: Global Trends (SB & G) |
| SGS 304: Foundations of Cross-Cultural Awareness |
| SGS 394: Global Problems and Debates |
| SOC 352: Social Change (SB & G & H) |
| SOC 418: Aging and the Life Course (SB & H) |
| WST 394: Fast Food Nation |
| WST 460: Women and the Body (SB & C) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Global Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASGSBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS 101: Thinking Globally: The Individual and Authority (SB & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• This major requires an international experience. Students must complete an approved study abroad experience or an approved international internship.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS 204: Professional Global Career Development | 3 | C | • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.<br>• Meet with a study abroad professional and complete the Study Abroad 101 workshop.<br>• Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS Elective | 3 | C | • Create a first draft resume.<br>• Develop your career skills. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS Elective | 3 | C | • Explore an internship.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS 305: Empirical Political Inquiry (SB) | 3 | C | • The global studies major requires all students to complete an international experience. The experience must be approved by the School of Politics and Global Studies' internship coordinator before the experience is completed. Meet with our internship coordinator to develop a plan to fulfill this requirement.<br>• Thinking about graduate school? Consider registering for a grad school test prep course. |
| *Complete 2 courses:*<br>Related Area Course | 6 | C | |
| SGS Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS 401: Political Statistics (CS) | 3 | C | • Complete an in person or virtual practice interview. |
| SGS Upper Division Elective | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS Upper Division Elective | 3 | C | • Gather professional references. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS 484: Internship OR SGS 484: Global Experience | 3 | C | |

| | | | |
|---|---|---|---|
| SGS Upper Division Elective | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- All Global Studies majors must complete six major elective courses. Nine hours of the major electives must be upper division.
- Students must earn a "C" or better in the courses.
- Students must complete 12 credit hours in courses drawn from related areas. Courses from the subjects listed below may be used. Only upper-division foreign language courses offered by the School of International Letters and Cultures apply to the related area requirement. Students must earn a "C" or better in the related area courses.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|---|
| AFR OR ASB OR ASM OR BIO OR COM OR ECN OR GCU OR GPH OR HST OR JUS OR PAF OR POR OR POS OR PUP OR REL OR SOS OR SPA OR WST Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Global Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LASGSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS 101: Thinking Globally: The Individual and Authority (SB & G) | 3 | C | • ASU 101 or college-specific First-Year Seminar is required for all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• This major requires an international experience. Students must complete an approved study abroad experience or an approved international internship. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here.<br>• Activate your Handshake account and build out your profile. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS 204: Professional Global Career Development | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned.<br>• Join a student club or professional organization. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* French, Italian, German, Spanish and Vietnamese are available online. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • Mathematics Placement Assessment score determines placement in mathematics course.<br>• Create a first draft resume. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or | 4 | C | |

| | | | |
|---|---|---|---|
| equivalent), including American Sign Language IV;<br>* French, Italian, German, Spanish and Vietnamese are available online. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 34 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS Elective | 3 | C | • Develop your career skills. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* French, Italian, German, Spanish and Vietnamese are available online. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* French, Italian, German, Spanish and Vietnamese are available online. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 41 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS Elective | 3 | C | • View career webinars and meet with a career counselor to discuss professional goals. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Explore an internship. |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SGS 305: Empirical Political Inquiry (SB) | 3 | C | • The global studies major requires all students to complete an international experience. The experience must be approved by the School of Politics and Global Studies' internship coordinator before the experience is completed. Meet with our internship coordinator to develop a plan to fulfill this requirement.<br>• Build your professional connections -- join the ASU Mentor Network. |
| SGS Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|---|---|---|---|

| Term 5 - B 59 - 65 Credit Hours | Hours | Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Thinking about graduate school? Consider registering for a grad school test prep course . |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 65 - 71 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SGS 401: Political Statistics (CS) | 3 | C | • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. |
| Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 71 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SGS Upper Division Elective | 3 | C | • Complete an in person or virtual practice interview. |
| Related Area Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 77 - 83 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SGS Upper Division Elective | 3 | C | |
| Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 83 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SGS Upper Division Elective | 3 | C | • Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| ★ | SGS 484: Internship OR SGS 484: Global Experience | 3 | C | • Apply for full-time career opportunities. |
| | Upper Division Elective | 3 | | |
| | Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

- Students must complete 12 credit hours in courses drawn from related areas. Courses from the following subjects may be used. Only upper-division foreign language courses offered by the School of International Letters and Cultures apply to the related area requirement. Students must earn a "C" grade or better in the related area courses.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR ASB OR ASM OR BIO OR COM OR ECN OR GCU OR GPH OR HST OR JUS OR PAF OR POR OR POS OR PUP OR REL OR SOS OR SPA OR WST Elective

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## History, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAHISBA

**Only the standalone BA or the accelerated History BA/MA combination are available to ASU Online students at this time.**

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST Survey Course AND Historical Awareness (H) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU. |
| Related Area Course | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 130: The Historian's Craft | 3 | C | • Students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130.<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.<br>• Join a student club or professional organization.<br>• If interested in law school, review the Pre-Law at ASU website. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Many General Studies requirements can overlap with major requirements, leaving |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Humanities, Arts and Design (HU) | 3 | |
| Literacy and Critical Inquiry (L) | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.25 GPA in HST. | | |
| Term hours subtotal: | 16 | |

more room for electives. In particular, many history courses satisfy HU and SB General Studies requirements. Consult an academic advisor to select the best courses for your personal plan of study.

- Explore opportunities to study abroad.

| **Term 4 46 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HST Survey Course | 3 | C | • Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if G requirement has not already been satisfied through other coursework.<br>• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• If interested in law school, make an appointment with the pre-law advisor. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 14 | | |

| **Term 5 60 - 76 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Comparative History Course | 3 | C | • The sequence of upper-division history courses shown here is a suggested one. Except where prerequisites dictate the order, consult an academic advisor to determine the best sequence of courses for your personal plan of study.<br>• HST 304 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.<br>• Choosing a Humanities (HU) course that also fulfills Cultural Diversity in the United States (C) is recommended.<br>• Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.<br>• If planning on law school, prepare to take the LSAT. |
| HST 304: Studies in European History | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 16 | | |

| **Term 6 76 - 91 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division History in the Wild Course | 3 | C | • HST 303, 305, and 307 are variable topics courses. Some topics carry one or more General Studies designations. Check the |
| HST 303: Studies in Asian History OR HST 305: Studies in Latin American History OR HST 307: Studies in African History (H) | 3 | C | |

| | | | |
|---|---|---|---|
| | Upper Division Related Area Course | 3 | C |
| | Upper Division Elective OR HST 484: Internship | 3 | |
| | Elective | 3 | |
| ★ | Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | Maintain 2.25 GPA in HST. | | |
| | Term hours subtotal: | 15 | |

class schedule to confirm any General Studies designations for the specific course topic.
- Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
- Explore graduate school opportunities.

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HST 495: Methods of Historical Inquiry (L) | 3 | C | • Use Handshake to research employment opportunities.<br>• Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| Upper Division Related Area Course | 3 | C | |
| HST Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HST 306: Studies in United States History | 3 | C | • HST 306 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.<br>• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.<br>• Apply for career opportunities. |
| HST Upper Division Elective | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Elective | 2 | | |
| ★ Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 14 | | |

- 
  - HST 302-307 are variable topics courses. Students may take these courses for credit multiple times, so long as the topics are different. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.
  - All students are required to take one course from HST 304 and HST 306, plus one course chosen from HST 303, HST 305, or HST 307. Students may select any topic within these course numbers for this requirement. However, for the Comparative History and History in the Wild requirements, students must choose only from the specific topics shown in the Comparative History and History in the Wild lists below. Any topic under HST 302 will count as a Comparative History course. Students must complete 33 total credit hours in history (HST), so any variable topics courses taken for Comparative History and History in the Wild will be in addition to the standard requirement for HST 304, HST 306, and (HST 303, 305, or 307).
  - Students must complete 12 credits of courses in Related Areas, at least six of which must be upper-division.

Hide Course List(s)/Track Group(s)

| HST Survey Courses | Comparative History | History in the Wild |
|---|---|---|
| HST 100: Global History to 1500 (HU & H & G) | HST 301: Global History of Health (SB & G & H) | HST 302: Envisioning Peace |

HST 101: Global History Since 1500 (HU & H & G)

HST 102: Europe and the Mediterranean: Ancient and Medieval (SB & H)

HST 103: Early Modern Europe: Renaissance to Enlightenment ((HU or SB) & H)

HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H)

HST 106: Asian Civilizations ((HU or SB) & G & H)

HST 108: Introduction to Japan (SB & G & H)

HST 109: United States to 1865 ((HU or SB) & H)

HST 110: United States Since 1865 (SB & H)

HST 111: Introduction to Asia (HU & H & G)

HST 302: Studies in History

HST 303: Empires in Asia

HST 303: WWII in Asia: Cultures of War

HST 304: Witchcraft and Christianity in the Atlantic World

HST 309: Exploration and Empire ((L or HU) & H)

HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H)

HST 357: Historical Perspectives on Philosophy and Religion

HST 404: Conquest and Encounters in Colonial Latin America (L & G)

HST 435: The Russian Empire (SB & H)

HST 456: The Vietnam War (SB & G & H)

HST 306: Historic Preservation in the U.S.

HST 306: Landscape, Place and Memory in American History

HST 306: Monuments and Memory

HST 306: U.S. Urban History

HST 414: Political History and Leadership

HST 485: History in the Wild

Related Area courses

AFR OR AIS OR APA OR APH OR ARS OR ASB OR ASM OR ECN OR GCU OR HPS OR HUL OR JUS OR PHI OR POS OR REL OR SGS OR SOC OR TCL OR WST Elective

ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)

ARB 335: Arabic Culture and Islam (G)

ARB 336: Introduction to the Qur'an (G)

ARB 337: Hadith and Prophetic Tradition (HU & H & G)

ARB 341: Quran Text and Women (HU & H)

ARB 351: Classical Arabic Literature (HU & G)

ARB 352: Modern Arabic Literature in Translation (HU & G)

BIO 316: History of Biology: Conflicts and Controversies (H)

BIO 318: History of Medicine (HU & H)

CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

CHI 348: Pathways into Chinese Culture

Related Area courses continued

JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G)

JPN 333: Japanese Civilization from the Ice Age to Last Thursday

JPN 414: Introduction to Classical Japanese

JPN 415: Advanced Classical Japanese

JPN 445: Readings in Modern Japanese Letters and Culture

JST Elective (not from JST 131, 132, 231, or 232)

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 375: Intercultural Communication in Korea or SLC 375: Intercultural Communication in Korea

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

Related Area courses continued

THE 320: History of the Theatre I (HU & H)

THE 321: History of the Theatre II (HU & H)

THE 322: Theatre History and Culture (HU & H)

THE 421: Shakespeare: Stage and Film (L or HU)

THE 425: Chekhov and Russian Drama (L or HU)

THE 430: History of Fashion I (HU)

CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

CHI 470: Modern Chinese Literature and Culture

ENG Elective (not from ENG 101-197)

FRE 305: Readings in French Literature (G)

FRE 321: French Cultural Masterpieces I ((L or HU) & H)

FRE 322: French Cultural Masterpieces II (L or HU)

FRE 414: French and Italian Popular Culture ((L or HU) & G) or ITA 414: French and Italian Popular Culture ((L or HU) & G) or SLC 414: French and Italian Popular Culture ((L or HU) & G)

FRE 415: French Civilization I (HU)

FRE 416: French Civilization II (HU & G)

FRE 453: Theater of the 19th Century (HU)

FRE 461: Modern Narrative (HU)

GER 315: Germanic Mythology (HU & G)

GER 416: German Civilization (HU & H & G)

GER 421: German Literature Survey, 800-1800 (HU)

GER 422: German Literature Survey, 1800-Today (L or HU)

GER 431: German Humor

GER 441: Fairy Tales (HU & G) or SLC 441: Fairy Tales (HU & G)

GRK 142: Ancient Greek Civilization (HU & H) or SLC 142: Ancient Greek Civilization (HU & H)

GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU)

GRK 301: Ancient Greek Literature I (HU)

GRK 302: Ancient Greek Literature II (HU)

GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and

LAT 222: Survey of Roman Literature (HU) or SLC 222: Survey of Roman Literature (HU)

LAT 421: Roman Literature (HU)

MCO 418: History of Mass Communication (SB & H)

MUS 354: Popular Music (HU)

MUS 355: American Music (HU & C & H)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

MUS 371: World Music (HU & G)

MUS 410: History of Women in Music (HU & C & H)

POR 472: Luso-Brazilian Civilization (HU & G)

PSY 414: History of Psychology (L or SB)

PUP 412: History of the City ((L or HU) & H)

RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU)

RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G)

RUS 421: Pushkin (L or HU)

RUS 425: Chekhov and Russian Drama (L or HU)

RUS 430: Russian Short Story (L or HU)

SLC 123: Gods and Monsters: Comparative Mythology (HU & G)

SLC 141: Russian Civilization: From Tsars to Putin ((L or HU) & G & H) or RUS 141: Russian Civilization: From Tsars to Putin ((L or HU) & G & H)

SLC 144: The Ancient Mediterranean

SLC 221: Survey of Ancient Greek Literature (HU)

SLC 340: Approaches to International Cinema (HU & G) or FMS 341: Approaches to International Cinema (HU & G)

SLC 344: Classics and Comics (HU) or GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU)

SLC 425: Globalization: From Colonialism to Climate Change (HU & G)

Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)

HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)

HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)

HEB 375: Contemporary Culture of Israel (HU & G)

HON 171: The Human Event (L or HU)

HON 272: The Human Event ((L or HU) & H)

HON 370: History of Ideas

HON 378: Culture and Society in England, Ireland, and Scotland (HU & H & G)

HON 379: Romantics, Victorians, and Moderns (HU & G)

HON 380: Aesthetics and Society (HU)

ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H)

ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU)

ITA 420: Italian Cinema (L & G)

SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)or RUS 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)

SLC 442: Dracula and Vampire Lore ((L or HU) & G & H) or ROM 442: Dracula and Vampire Lore ((L or HU) & G & H)

SLV 440: History of Slavic Languages (SB)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)

SPA 426: Literature and Society in Modern Spain (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 434: Drama of the Golden Age

SPA 456: 20th-Century Spanish American Fiction

SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (HST) must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.25 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## History, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAHISBA

**Only the standalone BA or the accelerated History BA/MA combination are available to ASU Online students at this time.**

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students.<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Many General Studies requirements can overlap with major courses, leaving more room for electives. In particular, many history courses satisfy HU and SB General Studies requirements. Consult an academic advisor to select the best courses for your personal plan of study. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| | | Minimum | |
|---|---|---|---|

| Term 2 - B 20 - 27 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| HST 130: The Historian's Craft | 3 | C | • Transfer students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130.<br>• If interested in law school, review the Pre-Law at ASU website. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 34 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Choosing a Humanities, Arts and Design (HU) course that also fulfills the Global Awareness (G) requirement is recommended if these requirements have not already been satisfied through major courses. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Explore opportunities to study abroad. Online students are eligible and encouraged to participate! |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 41 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking.<br>• If interested in law school, make an appointment with the pre-law advisor. |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Comparative History Course | 3 | C | • The sequence of upper-division history courses shown here is a suggested one. Except where prerequisites dictate the order, students |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

| | | |
|---|---|---|
| Maintain 2.25 GPA in HST. | | |
| Term hours subtotal: | 6 | |

should consult an academic advisor to determine the best sequence of courses for their personal plan of study.

| Term 5 - B 59 - 65 Credit Hours | Hours | Minimum Grade |
|---|---|---|
| HST 304: Studies in European History | 3 | C |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| Maintain 2.25 GPA in HST. | | |
| Term hours subtotal: | 6 | |

- HST 304 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.
- Choosing a Social-Behavioral Sciences (SB) course that also fulfills the Cultural Diversity (C) requirement is recommended if these requirements have not already been satisfied.
- Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies.

| Term 6 - A 65 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade |
|---|---|---|
| ★ HST 303: Studies in Asian History | 3 | C |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Maintain 2.25 GPA in HST. | | |
| Term hours subtotal: | 7 | |

- HST 303 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade |
|---|---|---|
| ★ HST 485: History in the Wild | 3 | C |
| Related Area Course | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Maintain 2.25 GPA in HST. | | |
| Term hours subtotal: | 6 | |

- Consider participating in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, contact an academic advisor.

| Term 7 - A 78 - 84 Credit Hours | Hours | Minimum Grade |
|---|---|---|
| HST Upper Division Elective | 3 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Maintain 2.25 GPA in HST. | | |
| Term hours subtotal: | 6 | |

- If planning on law school, prepare to take the LSAT.

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade |
|---|---|---|
| ★ HST 495: Methods of Historical Inquiry (L) | 3 | C |
| Elective | 3 | |
| Maintain 2.25 GPA in HST. | | |
| Term hours subtotal: | 6 | |

| Term 8 - A 90 - 96 Credit Hours | Hours | Minimum Grade |
|---|---|---|

| | | | |
|---|---|---|---|
| Upper Division Related Area Course | 3 | C | • Explore graduate school opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HST 306: Studies in United States History | 3 | C | • HST 306 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.<br>• View career webinars offered by Career and Professional Development Services. |
| Upper Division Elective | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HST Upper Division Elective | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Related Area Course | 3 | C | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | • Apply for career opportunities. |
| ★ Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

- • HST 302-306 are variable topics courses. Students may take these courses for credit multiple times, so long as the topics are different. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.
  - All students are required to take one course from HST 303, HST 304 and HST 306. Students may select any topic within these course numbers for this requirement. However, for the Comparative History requirement, students must choose only from the specific topics shown in the Comparative History list below. All topics under HST 302 fulfill the Comparative History requirement. Students must complete 33 total credit hours in history (HST), so any variable topics course taken for Comparative History will be in addition to the standard requirement for HST 303, HST 304 and HST 306.
  - Students must complete 12 credits of Related Area courses, at least six of which must be upper-division.

Hide Course List(s)/Track Group(s)

| Comparative History | Related Area |
|---|---|

HST 301: Global History of Health (SB & G & H)

HST 302: Studies in History

HST 303: Empires in Asia

HST 304: Witchcraft and Christianity in the Atlantic World

HST 309: Exploration and Empire ((L or HU) & H)

HST 456: The Vietnam War (SB & G & H)

AFR OR ASB OR ASM OR ECN OR GCU OR JUS OR PHI OR POS OR REL OR SGS OR SOC OR TCL OR WST Elective

ARB 335: Arabic Culture and Islam (G)

ARB 336: Introduction to the Qur'an (G)

BIO 316: History of Biology: Conflicts and Controversies (H)

BIO 318: History of Medicine (HU & H)

ENG Elective (not from ENG 101-197)

GER 441: Fairy Tales (HU & G) or SLC 441: Fairy Tales (HU & G)

GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU)

MCO 418: History of Mass Communication (SB & H)

MUS 354: Popular Music (HU)

MUS 355: American Music (HU & C & H)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

MUS 371: World Music (HU & G)

MUS 410: History of Women in Music (HU & C & H)

SLC 442: Dracula and Vampire Lore ((L or HU) & G & H) or ROM 442: Dracula and Vampire Lore ((L or HU) & G & H)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)

SPA 426: Literature and Society in Modern Spain (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)

THE 322: Theatre History and Culture (HU & H)

THE 421: Shakespeare: Stage and Film (L or HU)

THE 430: History of Fashion I (HU)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (HST) must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.25 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## History (Secondary Education), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAHISSEBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.<br>• Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C | • Students must complete HST 100, HST 101, HST 109 and HST 110 prior to term 5. These courses may be taken in any order.<br>• Students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130.<br>• Join a student club or professional organization. |
| HST 130: The Historian's Craft | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Minimum 2.25 GPA in HST. | | |
| Term hours subtotal: | 14 | |

- Apply for an Identity Verified Print (IVP) DPS fingerprint card, required by state law for participation in internships in 6-12th grade schools.
- Explore opportunities to study abroad. Summer is usually the best time for students in this major to study abroad.

| **Term 4 45 - 61 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR EDT 321: Computer Literacy: Mobile Technologies and Your World (CS) | 3 | C |
| HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Elective | 3 | |
| Milestone: Complete online Intent to Progress form for Professional Pathways Program (meet with advisor). | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Minimum 2.25 GPA in HST. | | |
| Term hours subtotal: | 16 | |

**Notes**

- Meet with your advisor early in the semester to submit an "Intent to Progress" form that notifies Teachers College you will be ready to enroll in your first internship the following term. You will upload a copy of your IVP fingerprint clearance card with this form, as required by state law. Teachers College will then invite you to attend a mandatory Professional Pathways Orientation.
- Students are encouraged to select free electives from courses in geography, political science, and economics, especially if preparing to teach middle grade (6-8) social studies. Barrett Honors students may use their research and thesis hours as electives.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.

| **Term 5 61 - 77 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| EDP 313: Childhood and Adolescence (SB) | 3 | C |
| SED 396: Clinical Experience I | 1 | Y |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C |
| Upper Division Non-U.S. History Course | 3 | C |
| Upper Division United States History Course | 3 | C |
| Elective | 3 | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Minimum 2.25 GPA in HST. | | |
| Term hours subtotal: | 16 | |

**Notes**

- During your clinical experience internships, you will work alongside an intern mentor teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 5-8.
- POS 417 or GCU 113 is recommended for the elective course if students have not yet satisfied the AZ Constitution requirement for teacher certification.
- Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.

- Explore graduate school opportunities.

| Term 6 77 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BLE 407: SEI for Secondary Students (L) | 3 | C | • Use Handshake to research employment opportunities.<br>• Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| HST 480: Methods of Teaching History: Classroom Resources | 3 | C | |
| HST 495: Methods of Historical Inquiry (L) | 3 | C | |
| SED 397: Clinical Experience II | 1 | Y | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Elective | 2 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HST 481: Methods of Teaching History: Community Resources | 3 | C | • All other degree requirements should be completed prior to student teaching residency. Only one course may be approved to take concurrently with student teaching residency in term 8.<br>• Students must pass the NES Secondary Professional Knowledge Exam to obtain secondary education teacher certification in Arizona. Completing this exam prior to student teaching residency is highly recommended. Students who wish to be "appropriately certified" for middle grade social studies must also take the Middle Grades Social Science test. See www.aepa.nesinc.com/. |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| SED 496: Clinical Experience III | 1 | Y | |
| Upper Division Non-U.S. History Course | 3 | C | |
| Upper Division United States History Course | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester.<br>• Students must either have passed the Constitutions of the United States and Arizona AEPA exam or have completed coursework covering this requirement within one year of initial certification.<br>• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.<br>• Apply for career opportunities. |
| Minimum 2.25 GPA in HST. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- At least 12 upper-division hours in history (HST) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

| Upper Divison United States History |
| --- |
| HST 300: Veterans, Society and Service: Experience of America's Modern Wars (H) |
| HST 306: Studies in United States History |
| HST 314: American Cultural History Since 1865 ((HU or SB) & H) |
| HST 315: Political History of the U. S. (SB & H) |
| HST 316: 20th-Century U.S. Foreign Relations (SB & H) |
| HST 317: History of Postwar U.S. Conservatism |
| HST 318: History of Engineering ((L or SB) & G) |
| HST 320: U.S. Urban History since 1850 (SB & H) |
| HST 321: Constitutional History/US to 1865 (SB & H) |
| HST 322: Constitutional History of the United States Since 1865 (H) |
| HST 323: Historical Studies in Race, Crime, and the Law |
| HST 325: Immigration and Ethnicity in the United States (SB & H & C) |
| HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H) |
| HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) |
| HST 329: Women in 20th-Century U.S. West (H & C) |
| HST 331: Mexican American History to 1900 (SB & H & C) |
| HST 332: Mexican American History Since 1900 (SB & H & C) |
| HST 333: African American History to 1865 (SB & H & C) |
| HST 334: African American History Since 1865 ((HU or SB) & C & H) |
| HST 335: History of Black Women in America (SB & H) |
| HST 337: American Indian History to 1900 ((HU or SB) & C & H) |

| Upper Division Non-U.S. History |
| --- |
| HST 302: Envisioning Peace |
| HST 302: Gender and Sexuality in Islam |
| HST 302: History of the Olympic Movement |
| HST 302: Jews, Christians & Muslims in Early Modern World |
| HST 302: Jews, Christians & Muslims in the Medieval World |
| HST 302: Slavery Systems in Africa |
| HST 303: Studies in Asian History |
| HST 304: Studies in European History |
| HST 305: Studies in Latin American History |
| HST 307: Studies in African History (H) |
| HST 309: Exploration and Empire ((L or HU) & H) |
| HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H) |
| HST 336: Islamic Civilization (HU & H) |
| HST 339: Islam in the Modern World (HU & G) |
| HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) |
| HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) |
| HST 348: Rome (SB & H) |
| HST 349: Early Middle Ages ((HU or SB) & H) |
| HST 350: Later Middle Ages ((HU or SB) & H) |
| HST 351: Renaissance Europe ((L or HU or SB) & H) |
| HST 352: Europe's Reformations ((L or HU or SB) & H) |
| HST 353: Old Regime in Europe (SB & H) |
| HST 354: Revolutionary Europe (SB & H) |
| HST 355: Total War and the Crisis of Modernity (SB & G & H) |
| HST 356: Europe since 1945 (SB & G & H) |
| HST 358: Jewish History from Antiquity to 1492 (SB & H) |

| Upper Division Non-U.S. History Continued |
| --- |
| HST 404: Conquest and Encounters in Colonial Latin America (L & G) |
| HST 423: The Tudor Monarchy (SB & H) |
| HST 424: The Stuart Monarchy (SB & H) |
| HST 426: The British Empire (H) |
| HST 427: French Revolution/Napoleonic Era (SB & H) |
| HST 429: Modern Germany (SB & G & H) |
| HST 430: The Ottoman Empire in the Classical Period |
| HST 432: Eastern Europe the Balkans, 20th Century (G & H) |
| HST 435: The Russian Empire (SB & H) |
| HST 436: Rise & Fall of Soviet Communism (SB & G & H) |
| HST 438: Modern Spain ((HU or SB) & G & H) |
| HST 439: Athenian Democracy (H) |
| HST 441: Latin America and the World Economy (L & G & H) |
| HST 443: The United States and Latin America (SB & G & H) |
| HST 444: Latin American Independence ((L or HU) & G) |
| HST 445: 20th-Century Cuba (SB & G & H) |
| HST 447: Modern Mexico (SB & H) |
| HST 448: Mexican/U.S. Border |
| HST 451: Chinese Cultural History I ((HU or SB) & H) |
| HST 452: Chinese Cultural History II (SB & G & H) |
| HST 456: The Vietnam War (SB & G & H) |
| HST 459: Gandhi and the Politics of Nonviolence |
| HST 460: World War II (HU & H & G) |
| HST 465: Women in Europe, 1750 to Present ((HU or SB) & H) |

HST 338: American Indian History since 1900 ((HU or SB) & C & H)

HST 340: American Military History (SB & H)

HST 341: U.S. West 19th Century (SB & H)

HST 342: U.S. West 20th Century (SB & H)

HST 343: American Southwest ((L or SB) & H)

HST 344: Arizona (SB & H)

HST 345: Environmental History (L)

HST 377: Sports in United States History ((HU or SB) & H)

HST 379: History of College Sports

HST 405: Colonial American History to 1763 (SB & H)

HST 406: American Revolution/1763-1789 (SB & H)

HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H)

HST 408: Civil War and Reconstruction ((L or SB) & H)

HST 409: Emergence Modern U.S. 1877-1918 (SB & H)

HST 412: Contemporary U.S., 1973- Present (SB & H)

HST 413: Contemporary America ((L or SB) & H)

HST 414: Political History and Leadership

HST 419: 20th Century Chicano/a History (C)

HST 443: The United States and Latin America (SB & G & H)

HST 448: Mexican/U.S. Border

HST 449: Mexican Immigration to the U.S. ((L or SB) & H & C)

HST 456: The Vietnam War (SB & G & H)

HST 359: Jewish History from 1492 to 1948 (SB & G & H)

HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)

HST 361: Witchcraft and Heresy in Europe ((L or HU) & H)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H)

HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H)

HST 364: Sex and Society in Modern Europe ((L or SB) & H)

HST 365: World Wars I and II: Europe's Eastern Front

HST 366: England to 1689 (SB & H)

HST 367: Modern Britain (SB & H)

HST 368: Culture and Imagination in European History (HU & H)

HST 369: History and Memory of the Holocaust

HST 370: Eastern Europe in Transition (SB & G & H)

HST 372: Modern Middle East (SB & G & H)

HST 373: Roman History I: Foundations and Republic

HST 374: Roman History II: The Roman Empire

HST 375: Colonial Latin America (SB & H)

HST 376: Modern Latin America (SB & G & H)

HST 383: China (SB & H)

HST 384: Modern China: 1700 to the Present (SB & G & H)

HST 385: History of Chinese Medicine (HU & H & G)

HST 386: Interpreting China's Classics ((L or HU) & H)

HST 387: Japan ((L or SB) & H)

HST 388: Japan (SB & G & H)

HST 389: Japan Society and Values/Premod

HST 391: Modern Southeast Asia (SB & G & H)

HST 392: Modern India

HST 397: Greece and Rome at War

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.25 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Integrated Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAISTBA

Students may not be admitted directly to the BA in Integrated Studies. This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet the above qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your career interest area and play me3@asu. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Mathematics (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 2 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Minimum 3.25 GPA ASU Cumulative. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 14 | |

| **Term 4 43 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• Explore an internship |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 2 courses:*<br>Approved integrated study courses; determined by advisor. | 6 | C | • Create a resume.<br>• Review or develop your professional online presence. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Approved integrated study courses; determined by advisor. | 6 | C | • Research graduate programs and employment opportunities.<br>• Gather professional references. |
| *Complete 2 courses:*<br>Approved integrated study courses; determined by advisor. | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 4 courses:* | | | |

| | | | |
|---|---|---|---|
| ★ | Upper Division Approved integrated study courses; determined by advisor. | 12 | C |
| ★ | Approved integrated study courses; determined by advisor. | 3 | C |
| | Minimum 3.25 GPA ASU Cumulative. | | |
| | Term hours subtotal: | 15 | |

- Prepare applications for graduate programs and full-time career opportunities.
- Complete an in person or virtual practice interview.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 4 courses:* | | | |
| ★ Upper Division Approved integrated study courses; determined by advisor. | 12 | C | |
| Upper Division Elective | 3 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.25 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Integrated Studies, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAISTBS

Students may not be admitted directly to the BS in Integrated Studies.ÂThis degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet the above qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.

| **Term 1 0 - 16 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Mathematics (MA) | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 2 16 - 31 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 3 31 - 44 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Science and Society Elective | 3 | C | • Before registering in term 4, students must meet with an advisor in The College of Liberal Arts and Sciences Office of Student and |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Minimum 3.25 GPA ASU Cumulative. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 13 | |

Academic Programs to develop an approved program of integrated study courses.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Approved integrated study courses; determined by advisor. | 3 | C | • Develop your skills<br>• Explore an internship |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:*<br>Approved integrated study courses; determined by advisor. | 9 | C | • Review or develop your professional online presence<br>• Create a resume |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Approved integrated study courses; determined by advisor. | 6 | C | • Research graduate programs and employment opportunities<br>• Gather professional references |
| Approved integrated study courses; determined by advisor. | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 4 courses:*<br>Upper Division Approved integrated study courses; determined by advisor. | 12 | C | • Prepare applications for graduate programs and full-time career opportunities<br>• Complete an in person or virtual practice interview |
| Upper Division Elective | 3 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ *Complete 4 courses:* Upper Division Approved integrated study courses; determined by advisor. | 12 | C | |
| Upper Division Elective | 3 | | |
| ★ Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.25 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## International Letters and Cultures, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASLCBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Students in this major must be eligible to take a 200-level or above selected target language course in the first term.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.<br>• Learn about intensive language courses.<br>• Engage in your language and culture area at ASU. |
| SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | |
| Approved Selected Language Courses | 4-5 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Start planning your study abroad experience. Learn about faculty directed summer programs offered through the School of International Letters and Cultures.<br>• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.<br>• Attend a Financing your Study Abroad Program Workshop.<br>• Select your Career Interest Communities and play me3@ASU. |
| Approved Selected Language Courses | 4-5 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Milestone: Meet with a SILC advisor before the end of the term to seek guidance in writing personal statement. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.33 GPA ASU Cumulative. | | | |
| Minimum cumulative 3.00 GPA in primary target language courses. | | | |
| Term hours subtotal: | 13-14 | | |

| Term 3 27 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Approved Selected Language Courses | 4-5 | C | • Meet with your academic advisor in SILC regarding your program of study, which is tailored for individual students. |
| Course from approved Program of Study | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | | |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Explore your career interest area.<br>• Learn about research opportunities through the ASU Humanities Lab.<br>• Activate your Handshake account and build out your profile. |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Milestone: Write a personal statement and submit statement by the end of the term; receive Program of Study approval. | | | |
| Complete First-Year Composition requirement. | | | |
| Minimum 2.33 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17-18 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C | • Learn about internships, scholarships and awards available to language and culture majors. |
| *Complete 3 courses:*<br>Course from approved Program of Study | 9 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Minimum 2.33 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:*<br>Upper Division Course from approved Program of Study | 9 | C | • Learn about national scholarships, fellowships and research opportunities. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Minimum 2.33 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:*<br>Upper Division Course from approved Program of Study | 9 | C | • Make plans to study abroad in an ASU Study Abroad summer, semester, or academic year program.<br>• Use Handshake to research employment opportunities |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.33 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:*<br>Upper Division Course from approved Program of Study | 9 | C | • Learn about ways to build your skills. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective OR SLC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 4** SLC Required Culture Course | 3 | C | |

| | | |
|---|---|---|
| Upper Division Course from approved Program of Study | 3 | C |
| Course from approved Program of Study | 3 | C |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| Term hours subtotal: | 15 | |

- Attend a Career Services job fair or networking event.

- This degree program is intended for students who are already fairly competent in the language selected to study. The language selected by the student must be one offered by the School of International Letters and Cultures. Please see an academic advisor in SILC for approval of the language as well as the program of study which is tailored for individual students. Because of the nature of the degree program, students taking Romanian and Portuguese should be at least at the 313 level by the end of Term 1, and students taking Greek should be at least at the 301 level by the end of Term 1. Students in all other languages should be at the 201 level by the end of Term 1.

Hide Course List(s)/Track Group(s)

| SLC 400-Level Required Culture Courses | Approved Selected Language Courses |
|---|---|
| SLC 414: French and Italian Popular Culture ((L or HU) & G) | ARB 201: Intermediate Arabic I (G) AND ARB 202: Intermediate Arabic II (G) |
| SLC 415: Korean Popular Culture (HU & G) | ASL 201: American Sign Language III AND ASL 202: American Sign Language IV |
| SLC 421: Ghosts, Monsters, and Supernatural in Jpn Lit&Film ((L or HU) & G) | BCS 201: Intermediate Serbo-Croatian AND BCS 202: Intermediate Serbo-Croatian |
| SLC 421: Japanese Aesthetics ((L or HU) & G) | CHI 201: Second-Year Chinese I (G) AND CHI 202: Second-Year Chinese II (G) or CHI 210: Intensive Chinese II |
| SLC 421: Japanese Film and Animation, 1945-present ((L or HU) & G) | FRE 201: Intermediate French I (G) AND FRE 202: Intermediate French II (G) or FRE 210: Intensive French II (G) |
| SLC 421: Japanese Literature in Translation ((L or HU) & G) | GER 201: Intermediate German I (G) AND GER 202: Intermediate German II (G) or GER 210: Intensive German II (G) |
| SLC 421: Samurai and Geisha ((L or HU) & G) | GRK 301: Ancient Greek Literature I (HU) AND GRK 302: Ancient Greek Literature II (HU) |
| SLC 421: Travel and Exploration in Early Modern Japan ((L or HU) & G) | HEB 201: Intermediate Modern Hebrew (G) AND HEB 202: Intermediate Modern Hebrew (G) |
| SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) | HEB 231: Biblical Hebrew III AND HEB 232: Biblical Hebrew IV |
| SLC 425: Globalization: From Colonialism to Climate Change (HU & G) | IDN 201: Intermediate Indonesian I (G) AND IDN 202: Intermediate Indonesian II (G) |
| SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) | ITA 201: Intermediate Italian I (G) AND ITA 202: Intermediate Italian II (G) or ITA 210: Intensive Italian II (G) |
| SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU) | JPN 201: Second-Year Japanese I (G) AND JPN 202: Second-Year Japanese II (G) or JPN 210: Intensive Japanese II |
| SLC 440: Approaches to Film Theory | |
| SLC 441: Fairy Tales (HU & G) | |
| SLC 442: Dracula and Vampire Lore ((L or HU) & G & H) | |

SLC 444: Heroes, Ancient and Modern (L or HU)

SLC 445: The Holocaust in German-Mediated Memory

SLC 446: Weimar-Era German Film

SLC 447: German Modernism

SLC 450: Experimental Narrative (HU)

SLC 451: Chinese Cultural History I ((HU or SB) & H)

SLC 452: Chinese Cultural History II (SB & G & H)

SLC 455: Berlin: Migration, Arts and Activism (G)

SLC 457: Premodern Korea in a Global Context (HU)

SLC 459: Latin American Jewish Culture

SLC 465: Intercultural Communicative Competence

SLC 475: Latin American Film ((L or HU) & G)

SLC 494: Special Topics

KOR 201: Second-Year Korean I (G) AND KOR 202: Second-Year Korean II (G)

LAT 201: Intermediate Latin I (HU) AND LAT 202: Intermediate Latin II (HU)

PLC 201: Intermediate Polish AND PLC 202: Intermediate Polish

POR 201: Intermediate Portuguese I (G) AND POR 202: Intermediate Portuguese II (G)

ROM 313: Romanian Composition and Conversation AND ROM 314: Romanian Composition and Conversation

RUS 201: Intermediate Russian I (G) AND RUS 202: Intermediate Russian II (G)

SPA 201: Intermediate Spanish (G) AND SPA 202: Intermediate Spanish (G) or SPA 203: Intermediate Spanish I for Bilinguals (G) AND SPA 204: Intermediate Spanish II for Bilinguals (G) or SPA 210: Intensive Spanish II (G)

VTN 201: Intermediate Vietnamese I (G) AND VTN 202: Intermediate Vietnamese II (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# International Letters and Cultures (Arabic Studies), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASLCASBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARB 101: Elementary Arabic I (G) | 5 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language must take a placement test.<br>• Engage in Arabic at ASU. Practice your language skills at the SILC Cafe. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARB 102: Elementary Arabic II (G) | 5 | C | • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. Attend a Financing Your Study Abroad Program Workshop.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARB 201: Intermediate Arabic I (G) | 5 | C | • Meet with a School of International Letters and Cultures academic advisor to learn about internships and scholarships and awards for language and culture majors.<br>• Arabic offers many opportunities if you are interested in working for the Peace Corps. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:* Elective | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ARB 202: Intermediate Arabic II (G) | 5 | C |
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Term hours subtotal: | 15 | |

- Meet with a School of International Letters and Cultures academic advisor to learn about internships and scholarships and awards for language and culture majors.
- Proficiency in Arabic offers an advantage to those who are interested in U.S. State Department careers.
- Learn about research opportunities through the ASU Humanities Lab.

| **Term 5** 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARB 311: Advanced Arabic Skills I OR ARB 315: Advanced Arabic for Heritage Speakers | 3 | C | • Learn about national scholarships, fellowships, and research opportunities. |
| ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) | 3 | C | |
| Upper Division Concentration Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6** 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARB 341: Quran Text and Women (HU & H) | 3 | C | • Students must take a minimum of six credit hours in related area courses. Credit hours in excess of the six required credit hours will be counted as elective hours toward the 120 total credit hours required for any ASU degree.<br>• Explore your career interest area.<br>• Use Handshake to research employment opportunities. |
| *Complete 2 courses:* Upper Division Concentration Electives | 6 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7** 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARB 351: Classical Arabic Literature (HU & G) | 3 | C | • Gather professional references. |
| Upper Division Concentration Electives | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 8** 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ARB 352: Modern Arabic Literature in Translation (HU & G) | 3 | C | • Attend an ASU Career Services workshop or Job Fair. |
| Upper Division Concentration Electives | 3 | C | |
| Upper Division Related Area Course Electives | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Concentration Electives |
| --- |
| ARB 321: Arabic Conversation I |
| ARB 335: Arabic Culture and Islam (G) |
| ARB 336: Introduction to the Qur'an (G) |
| ARB 337: Hadith and Prophetic Tradition (HU & H & G) |
| ARB 340: Arabic Translation |
| ARB 360: Islamic Philosophical Literature |
| ARB 394: Special Topics |
| ARB 411: Advanced Arabic Skills II (G) |
| ARB 421: Arabic Conversation II |
| ARB 422: Advanced Arabic Media (G) |
| ARB 493: Honors Thesis (L) |
| ARB 494: Special Topics |
| ARB 499: Individualized Instruction |

| Related Area Courses |
| --- |
| AFR 480: Different Voices Within Contemporary Islamic Discourse |
| HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) |
| HST 372: Modern Middle East (SB & G & H) |
| POS 353: Comparative Politics of the Middle East |
| REL 365: Islamic Civilization (HU & H) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## International Letters and Cultures (Classical Civilization), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASLCVBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with experience in the language must take a placement exam.<br>• Learn about Intensive Language courses at ASU.<br>• Explore your career interest area.<br>• Engage in the Classics at ASU. Practice your language skills at the SILC Cafe. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a second language course at the 4th semester intermediate level (202 or above). | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Start planning your study abroad experience. Learn about ASU Study Abroad programs.<br>• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.<br>• Attend a Financing Your Study Abroad Program workshop.<br>• SLC 221, 222, and 223 are not required to be taken in sequence.<br>• Select your career interest area and play me3@ASU |
| Second Language: Requirement satisfied through the following:<br>* Completion of a second language course at the 4th semester intermediate level (202 or above). | 4 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Classics Core | 3 | C | • Learn about internships, scholarships and awards and explore your career interest area.<br>• SLC 221, 222, and 223 are not required to be taken in sequence. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a second language course at the 4th semester intermediate level (202 or above). | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |

| | | |
|---|---|---|
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 46 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SLC 201: Introduction to Linguistics (HU or SB) or SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C | • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. |
| Ancient World Elective | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a second language course at the 4th semester intermediate level (202 or above). | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 5 59 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Ancient World Elective | 3 | C | • Explore your career interest area. |
| Upper Division Culture Core | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 75 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Ancient World Elective | 3 | C | • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.<br>• Visit the Office of National Scholarship Advisement to learn more about national scholarships, fellowships and research opportunities.<br>• Use Handshake to research employment opportunities |
| Upper Division Culture Core | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 4** GRK/LAT/SLC | 3 | C | • Build your skills. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR SLC 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Ancient World Elective | 3 | C | • Attend an ASU Career Services Job Fair. |
| Upper Division History Core | 3 | C | |

| | | |
|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| Elective | 2 | |
| | Term hours subtotal: | 14 |

Hide Course List(s)/Track Group(s)

| Upper Division Culture Core |
|---|
| GRK 351: Tales of Troy or SLC 351: Tales of Troy |
| GRK 352: The Rise and Fall of Ancient Athens or SLC 352: The Rise and Fall of Ancient Athens |
| GRK 353: Alexander and His Empires or SLC 353: Alexander and His Empires |
| GRK 394: Magic and Witchcraft in Antiquity or LAT 394: Magic and Witchcraft in Antiquity or SLC 394: Magic and Witchcraft in Antiquity |
| LAT 394: Rome Before the Empire or SLC 394: Rome Before the Empire |
| LAT 394: Augustus and the Creation of the Roman Empire or SLC 394: Augustus and the Creation of the Roman Empire |

| Classics Core |
|---|
| GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU) |
| GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) |
| LAT 143: Roman Civilization |

| History Core |
|---|
| GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) |
| GRK 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) |
| LAT 373: Roman History I: Foundations and Republic or SLC 373: Roman History I: Foundations and Republic or HST 373: Roman History I: Foundations and Republic |
| LAT 374: Roman History II: The Roman Empire or SLC 374: Roman History II: The Roman Empire or HST 374: Roman History II: The Roman Empire |

| Ancient World Electives |
|---|
| APH 313: History of Architecture I ((L or HU) & G & H) |
| ARS 402: Art of Ancient Egypt (HU & H) |
| ARS 404: Greek Art (HU & H) |
| ARS 406: Roman Art (HU & H) |
| ASB 330: Understanding Archaeology (SB) |
| ENG 303: Classical Backgrounds of English Literature (HU) |
| GRK 201: Intermediate Ancient Greek |
| GRK 301: Ancient Greek Literature I (HU) |
| GRK 302: Ancient Greek Literature II (HU) |
| GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU) or SLC 344: Classics and Comics (HU) |
| GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and |

| GRK/LAT/SLC 400-Level |
|---|
| GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU) |
| LAT 421: Roman Literature (HU) |
| SLC 414: French and Italian Popular Culture ((L or HU) & G) |
| SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) |
| SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) |
| SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU) |
| SLC 440: Special Topics |
| SLC 441: Fairy Tales (HU & G) |
| SLC 442: Dracula and Vampire Lore ((L or HU) & G & H) |

Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)

GRK 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)

GRK 360: Greece and Rome at War or LAT 360: Greece and Rome at War or SLC 360: Greece and Rome at War or HST 397: Greece and Rome at War

GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)

HST 349: Early Middle Ages ((HU or SB) & H)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H)

HST 495: Special Topics

LAT 201: Intermediate Latin I (HU)

LAT 202: Intermediate Latin II (HU)

LAT 373: Roman History I: Foundations and Republic or SLC 373: Roman History I: Foundations and Republic or HST 373: Roman History I: Foundations and Republic

LAT 361: Roman Religion (HU) or SLC 361: Roman Religion (HU) or REL 361: Roman Religion (HU)

LAT 421: Roman Literature (HU)

PHI 328: History of Ancient Philosophy (HU & H)

POS 340: History of Political Philosophy I (HU & H)

REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)

REL 316: Literary Readings of the Hebrew Bible (L or HU)

REL 371: New Testament (HU)

REL 375: Lost Scriptures, Lost Christianities (HU)

SLC 445: The Holocaust in German-Mediated Memory

SLC 446: Weimar-Era German Film

SLC 447: German Modernism

SLC 450: Experimental Narrative (HU)

SLC 455: Berlin: Migration, Arts and Activism (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## International Letters and Cultures (Classics) - Greek, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASLCCBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRK 101: Elementary Ancient Greek | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.<br>• Engage in the Classics at ASU. Practice your language skills at the SILC Cafe. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Minimum 2.33 GPA ASU Cumulative. | | | |
| Minimum 3.00 GPA in GRK. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRK 201: Intermediate Ancient Greek | 4 | C | • Start planning your study abroad experience. Learn about faculty-directed summer study abroad programs offered through the School of International Letters and Cultures.<br>• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.<br>• Attend a Financing Your Study Abroad Program Workshop.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.33 GPA ASU Cumulative. | | | |
| Minimum 3.00 GPA in GRK. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRK 301: Ancient Greek Literature I (HU) | 3 | C | • Students are required to take GRK 301 twice, once in Term 3 and again in Term 5.<br>• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 3.00 GPA in GRK. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 46 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRK 302: Ancient Greek Literature II (HU) | 3 | C | • Students are required to take GRK 302 twice, once in Term 4 and again in Term 6.<br>• Learn about internship, scholarships and awards opportunities.<br>• Explore your career interest area.<br>• Learn about research opportunities through the ASU Humanities Lab. |
| SLC 201: Introduction to Linguistics (HU or SB) or SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C | |
| Ancient World Elective | 3 | C | |
| Classics Core | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Minimum 3.00 GPA in GRK. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRK 301: Ancient Greek Literature I (HU) | 3 | C | • Students are required to take GRK 301 twice.<br>• Learn about national scholarships, fellowships and research opportunities. |
| Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| *Complete 2 courses:*<br>Elective | 4 | | |
| Term hours subtotal: | 13 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GRK 302: Ancient Greek Literature II (HU) | 3 | C | • Students are required to take GRK 302 twice.<br>• Explore your career interest area.<br>• Use Handshake to research employment opportunities. |
| Upper Division Ancient World Elective | 3 | C | |
| Culture Core | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Ancient World Elective | 3 | C | |
| Culture Core | 3 | C | |
| 4** GRK/LAT/SLC | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR SLC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Ancient World Elective | 3 | C | • Attend an ASU Career Services workshop or job fair. |
| *Complete 3 courses:* | | | |

| | | |
|---|---|---|
| Upper Division Elective | 9 | |
| Elective | 3 | |
| | Term hours subtotal: | 15 |

Hide Course List(s)/Track Group(s)

| Upper Division Culture Core | Classics Core | Ancient World Electives |
|---|---|---|
| GRK 351: Tales of Troy or SLC 351: Tales of Troy | GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU) | APH 313: History of Architecture I ((L or HU) & G & H) |
| GRK 352: The Rise and Fall of Ancient Athens or SLC 352: The Rise and Fall of Ancient Athens | GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) | ARS 402: Art of Ancient Egypt (HU & H) |
| GRK 353: Alexander and His Empires or SLC 353: Alexander and His Empires | LAT 143: Roman Civilization | ARS 404: Greek Art (HU & H) |
| GRK 394: Magic and Witchcraft in Antiquity or LAT 394: Magic and Witchcraft in Antiquity or SLC 394: Magic and Witchcraft in Antiquity | | ARS 406: Roman Art (HU & H) |
| LAT 394: Rome Before the Empire or SLC 394: Rome Before the Empire | | ASB 330: Understanding Archaeology (SB) |
| LAT 394: Augustus and the Creation of the Roman Empire or SLC 394: Augustus and the Creation of the Roman Empire | | ENG 303: Classical Backgrounds of English Literature (HU) |
| | | GRK 201: Intermediate Ancient Greek |
| | | GRK 301: Ancient Greek Literature I (HU) |
| | | GRK 302: Ancient Greek Literature II (HU) |
| | | GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU) or SLC 344: Classics and Comics (HU) |
| | | GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) |
| | | GRK 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) |
| | | GRK 360: Greece and Rome at War or LAT 360: Greece and Rome at War or SLC 360: Greece and Rome at War or HST 397: Greece and Rome at War |
| | | GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU) |
| | | HST 349: Early Middle Ages ((HU or SB) & H) |
| | | HST 362: Sex and Society in Classical and Medieval Europe (SB & H) |
| | | HST 495: Special Topics |

LAT 201: Intermediate Latin I (HU)

LAT 202: Intermediate Latin II (HU)

LAT 373: Roman History I: Foundations and Republic or SLC 373: Roman History I: Foundations and Republic or HST 373: Roman History I: Foundations and Republic

LAT 361: Roman Religion (HU) or SLC 361: Roman Religion (HU) or REL 361: Roman Religion (HU)

LAT 421: Roman Literature (HU)

PHI 328: History of Ancient Philosophy (HU & H)

POS 340: History of Political Philosophy I (HU & H)

REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)

REL 316: Literary Readings of the Hebrew Bible (L or HU)

REL 371: New Testament (HU)

REL 375: Lost Scriptures, Lost Christianities (HU)

GRK/LAT/SLC 400-Level

GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)

LAT 421: Roman Literature (HU)

SLC 414: French and Italian Popular Culture ((L or HU) & G)

SLC 423: Italian Organized Crime in Films and History ((L or HU) & G)

SLC 429: Studies in European Literature and Culture ((L or HU) & G & H)

SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)

SLC 440: Special Topics

SLC 441: Fairy Tales (HU & G)

SLC 442: Dracula and Vampire Lore ((L or HU) & G & H)

SLC 445: The Holocaust in German-Mediated Memory

SLC 446: Weimar-Era German Film

SLC 447: German Modernism

SLC 450: Experimental Narrative (HU)

SLC 455: Berlin: Migration, Arts and Activism (G)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
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**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## International Letters and Cultures (Classics) - Latin, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASLCCBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAT 101: Elementary Latin | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.<br>• Engage in the Classics at ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Elective | 3 | | |
| Minimum 2.33 GPA ASU Cumulative. | | | |
| Minimum 3.00 GPA in LAT. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAT 102: Elementary Latin | 4 | C | • Start planning your study abroad experience. Learn about Study Abroad faculty-directed programs offered through the ASU Study Abroad Office and the School of International Letters and Cultures.<br>• Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA in LAT. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAT 201: Intermediate Latin I (HU) | 4 | C | • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major.<br>• Attend a Financing Your Study Abroad Program Workshop. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 3.00 GPA in LAT. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 46 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAT 202: Intermediate Latin II (HU) | 4 | C | • Learn about internships, scholarships and award opportunities.<br>• Explore research opportunities through the ASU Humanities Lab. |
| SLC 201: Introduction to Linguistics (HU or SB) or SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | | |
| Classics Core | 3 | C | |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Minimum 2.33 GPA ASU Cumulative. | | | |
| Minimum 3.00 GPA in LAT. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 63 - 79 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAT 421: Roman Literature (HU) | 3 | C | • Learn about national scholarships, fellowships, and research opportunities. |
| Upper Division Culture Core | 3 | C | |
| Upper Division Ancient World Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 79 - 91 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| LAT 421: Roman Literature (HU) | 3 | C | • Students are required to take LAT 421 twice.<br>• Explore your career interest area.<br>• Use Handshake to research employment opportunities. |
| Ancient World Elective | 3 | C | |
| 4** GRK/LAT/SLC | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 12 | | |

| Term 7 91 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Culture Core | 3 | C | • Gather professional references. |
| Upper Division Ancient World Elective | 3 | C | |
| Upper Division Elective OR SLC 484: Internship | 3 | | |
| *Complete 2 courses:* Elective | 5 | | |
| Term hours subtotal: | 14 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Ancient World Elective | 3 | C | • Attend a career and internship event. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| *Complete 3 courses:*<br>Upper Division Elective | 9 | |
| | Term hours subtotal: | 15 |

Hide Course List(s)/Track Group(s)

| Upper Division Culture Core | Classics Core | Ancient World Electives |
|---|---|---|
| GRK 351: Tales of Troy or SLC 351: Tales of Troy | GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU) | APH 313: History of Architecture I ((L or HU) & G & H) |
| GRK 352: The Rise and Fall of Ancient Athens or SLC 352: The Rise and Fall of Ancient Athens | GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) | ARS 402: Art of Ancient Egypt (HU & H) |
| GRK 353: Alexander and His Empires or SLC 353: Alexander and His Empires | LAT 143: Roman Civilization | ARS 404: Greek Art (HU & H) |
| GRK 394: Magic and Witchcraft in Antiquity or LAT 394: Magic and Witchcraft in Antiquity or SLC 394: Magic and Witchcraft in Antiquity | | ARS 406: Roman Art (HU & H) |
| LAT 394: Rome Before the Empire or SLC 394: Rome Before the Empire | | ASB 330: Understanding Archaeology (SB) |
| LAT 394: Augustus and the Creation of the Roman Empire or SLC 394: Augustus and the Creation of the Roman Empire | | ENG 303: Classical Backgrounds of English Literature (HU) |
| | | GRK 201: Intermediate Ancient Greek |
| | | GRK 301: Ancient Greek Literature I (HU) |
| | | GRK 302: Ancient Greek Literature II (HU) |
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| | | GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) |
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| | | GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU) |
| | | HST 349: Early Middle Ages ((HU or SB) & H) |
| | | HST 362: Sex and Society in Classical and Medieval Europe (SB & H) |
| | | HST 495: Special Topics |

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LAT 202: Intermediate Latin II (HU)

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LAT 421: Roman Literature (HU)

PHI 328: History of Ancient Philosophy (HU & H)

POS 340: History of Political Philosophy I (HU & H)

REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)

REL 316: Literary Readings of the Hebrew Bible (L or HU)

REL 371: New Testament (HU)

REL 375: Lost Scriptures, Lost Christianities (HU)

GRK/LAT/SLC 400-Level

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SLC 414: French and Italian Popular Culture ((L or HU) & G)

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SLC 429: Studies in European Literature and Culture ((L or HU) & G & H)

SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU)

SLC 440: Special Topics

SLC 441: Fairy Tales (HU & G)

SLC 442: Dracula and Vampire Lore ((L or HU) & G & H)

SLC 445: The Holocaust in German-Mediated Memory

SLC 446: Weimar-Era German Film

SLC 447: German Modernism

SLC 450: Experimental Narrative (HU)

SLC 455: Berlin: Migration, Arts and Activism (G)

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- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Italian, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAITABA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.<br>• Learn about Italian language intensive courses. ITA 110 (6 credit language course equivalent to ITA 101 and ITA 102) is offered in the Spring semester.<br>• Engage in Italian at ASU. Practice your language skills at the SILC Cafe. |
| ITA 101: Elementary Italian I (G) | 4 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Start planning your study abroad experience. Attend a Financing Your Study Abroad Program Workshop<br>• ITA 210 (6 credit hour intensive language course equivalent to ITA 201 and ITA 202) is offered on the ASU Study Abroad Italian Language, Food and Culture in San Severino Marche Summer Program.<br>• Select your Career Interest Communities and play me3@ASU. |
| ITA 102: Elementary Italian II (G) | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ITA 201: Intermediate Italian I (G) | 4 | C | • Meet with a School of International Letters and Cultures academic advisor to learn about internship opportunities in Italian and to discuss the best study abroad options for your major. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |

| | | | |
|---|---|---|---|
| Elective | 2 | | • Learn about research opportunities through the ASU Humanities Lab.<br>• Learn about scholarship opportunities for language and culture majors. |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C | • Meet with a School of International Letters and Cultures academic advisor or Italian faculty member to learn about internship opportunities in Italian and to discuss the best study abroad options for your major.<br>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. |
| ITA 202: Intermediate Italian II (G) | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ITA 311: Speak Italy: Language, People, Culture (G) OR ITA 312: Write Italy: Language, People, Culture (L & G) OR ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) OR ITA 319: Italian for Professions | 3 | C | • Learn about national scholarships, fellowships and research opportunities.<br>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. |
| ITA Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) OR ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU) | 3 | C | • Learn about scholarships and awards for language and culture majors.<br>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.<br>• Attend an ASU Career Services workshop.<br>• Use Handshake to research employment opportunities. |
| ITA 4** Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ITA 413: Advanced Italian (G) | 3 | C | • Meet with a School of International Letters and Cultures academic advisor to learn about internship and career opportunities in Italian. |
| ITA 4** Elective | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | ITA 311: Speak Italy: Language, People, Culture (G) OR ITA 312: Write Italy: Language, People, Culture (L & G) OR ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) OR ITA 319: Italian for Professions | 3 | C |
| ★ | ITA 4** Elective | 3 | C |
| | Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| | Upper Division Elective OR ITA 484: Internship | 3 | |
| | Elective | 3 | |
| | Term hours subtotal: | 15 | |

- Meet with a School of International Letters and Cultures academic advisor to learn about internship and career opportunities in Italian.
- Attend an ASU Career Services workshop or job fair.

Hide Course List(s)/Track Group(s)

ITA Upper Division Electives

- ITA 319: Italian for Professions
- ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy
- ITA 394: Special Topics
- ITA 414: French and Italian Popular Culture ((L or HU) & G)
- ITA 420: Italian Cinema (L & G)
- ITA 423: Italian Organized Crime in Films and History ((L or HU) & G)
- ITA 494: Special Topics
- ITA 3** Elective
- ITA 4** Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Jewish Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAJSTBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.<br>• Students completing Biblical Hebrew will need four extra elective credit hours to reach the 120 required for graduation.<br>• Select your Career Interest Communities and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent). | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Many General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.<br>• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.<br>• Join a student club or professional organization.<br>• If interested in law school, review the Pre-Law at ASU website. |
| Second Language: Requirement satisfied through the following:<br>* Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent). | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H) OR HST 230: Introduction to Jewish Civilization (HU & H & G) or JST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G) | 3 | C | • Explore opportunities to study abroad . |

| | | |
|---|---|---|
| Related Area Course | 3 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent). | 4 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Maintain 2.50 GPA in Major Courses. | | |
| Term hours subtotal: | 16 | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Primary Concentration Course | 3 | C | • Students must choose one of the three concentrations as the primary concentration and take 15 hours of coursework from that concentration. For the nine hours outside of primary concentration, students may select from courses in the other two concentration areas.<br>• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• If interested in law school, make an appointment with the pre-law advisor. |
| Course Outside Primary Concentration | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent). | 4 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Primary Concentration Course | 3 | C | • Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if the G requirement has not already been satisfied.<br>• Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. |
| Upper Division Related Area Course | 3 | C | |
| Primary Concentration Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Primary Concentration Course | 3 | C | • Explore graduate school opportunities.<br>• If planning on law school, prepare to take the LSAT.<br>• Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. |
| Upper Division Course Outside Primary Concentration | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective OR JST 484: Internship | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ Upper Division Primary Concentration Course | 3 | C | • Use Handshake to research employment opportunities.<br>• Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| Upper Division Course Outside Primary Concentration | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JST 490: History and Memory in Jewish Tradition (L) OR JST 491: History of Antisemitism OR JST 495: Judaism, Science and World Religions OR JST 496: Biblical Narratives: Literary Approaches | 3 | C | • Students complete JST 490, JST 491, JST 495, or JST 496 as a capstone course for the Jewish Studies major.<br>• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.<br>• Apply for career opportunities. |
| Upper Division Related Area Course | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| ★ Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

- Students must choose one of the three concentrations as the primary concentration and take 15 hours of coursework from that concentration. For the nine hours outside of primary concentration, students may select from courses in the other two concentration areas.

Hide Course List(s)/Track Group(s)

| History and Society Concentration | Literature and Culture Concentration | Religion and Thought Concentration |
|---|---|---|
| CRJ 456: Etiology of Martyrdom | ENG 356: The Bible as Literature (HU) | HEB 375: Contemporary Culture of Israel (HU & G) |
| HEB 375: Contemporary Culture of Israel (HU & G) | HEB 375: Contemporary Culture of Israel (HU & G) | HST 314: American Cultural History Since 1865 ((HU or SB) & H) |
| HST 302: Jews, Christians & Muslims in Early Modern World | JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H) | JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H) |
| HST 302: Jews, Christians & Muslims in the Medieval World | JST 211: Jews and Judaism in America (SB & H) or HST 211: Jews and Judaism in America (SB & H) or REL 211: Jews and Judaism in America (SB & H) | JST 211: Jews and Judaism in America (SB & H) or HST 211: Jews and Judaism in America (SB & H) or REL 211: Jews and Judaism in America (SB & H) |
| HST 304: Exiles, Migrants, Refugees in Jewish History | JST 230: Introduction to Jewish Civilization (HU & H & G) or HST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G) | JST 314: Jewish Philosophy or HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy |
| HST 304: History of Antisemitism | JST 314: Jewish Philosophy or HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy | JST 315: Hebrew Bible (Old Testament) ((L or HU) & H) or REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) |
| HST 304: Jews and Christians in the Middle Ages | JST 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU) or | JST 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU) or |
| HST 304: Nazi Germany | | |
| HST 304: Rebirth of European Jewish Life after 1950 | | |
| HST 358: Jewish History from Antiquity to 1492 (SB & H) | | |

HST 359: Jewish History from 1492 to 1948 (SB & G & H)

HST 372: Modern Middle East (SB & G & H)

JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H)

JST 211: Jews and Judaism in America (SB & H) or HST 211: Jews and Judaism in America (SB & H) or REL 211: Jews and Judaism in America (SB & H)

JST 230: Introduction to Jewish Civilization (HU & H & G) or HST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G)

JST 302: Studies in History

JST 304: Studies in European History

JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C)

JST 348: Israeli Society and Culture (HU & G) or HEB 348: Israeli Society and Culture (HU & G) or REL 311: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)

JST 369: History and Memory of the Holocaust or HST 369: History and Memory of the Holocaust or REL 312: History and Memory of the Holocaust

JST 490: History and Memory in Jewish Tradition (L)

JST 491: History of Antisemitism

REL 410: Judaism in Modern Times (HU & H)

STS 364: Science, Technology, and National Security (SB)

Related Area

ASB OR HST OR POS OR REL OR SGS OR SOC OR WST Elective

AFR 200: Introduction to Africana Studies (SB & G & H)

AFR 301: Race and Racism in Africa/African Diaspora (SB & G)

AFR 318: African and African Diaspora Women Writers (HU & G)

HEB 316: Literary Readings of the Hebrew Bible (L or HU) or REL 316: Literary Readings of the Hebrew Bible (L or HU)

JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C)

JST 346: Israeli Wars in Israeli Movies (HU & G) or FMS 349: Israeli Wars in Israeli Movies (HU & G) or HEB 349: Israeli Wars in Israeli Movies (HU & G)

JST 347: Modern Israeli Literature in Translation (HU & G) or ENG 347: Modern Israeli Literature in Translation (HU & G) or HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)

JST 445: The Holocaust in German-Mediated Memory or FMS 445: The Holocaust in German-Mediated Memory or GER 445: The Holocaust in German-Mediated Memory or SLC 445: The Holocaust in German-Mediated Memory

JST 459: Latin American Jewish Culture or SLC 459: Latin American Jewish Culture or SPA 459: Latin American Jewish Culture

JST 496: Biblical Narratives: Literary Approaches

REL 313: Anti-Semitism in the Media

HEB 316: Literary Readings of the Hebrew Bible (L or HU) or REL 316: Literary Readings of the Hebrew Bible (L or HU)

JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C)

JST 349: Nature, Sustainability and Religion or HPS 349: Nature, Sustainability and Religion or REL 349: Nature, Sustainability and Religion or SOS 349: Nature, Sustainability and Religion

JST 411: Judaism and the Beginnings of Christianity (HU & H) or HEB 411: Judaism and the Beginnings of Christianity (HU & H) or REL 411: Judaism and the Beginnings of Christianity (HU & H)

JST 495: Judaism, Science and World Religions

REL 207: Ritual, Symbol, and Myth (L or HU)

REL 310: Western Religious Traditions (HU & H)

REL 385: Contemporary Western Religious Thought (HU)

- AFR 370: Family Ethnic and Cultural Diversity (SB & C)
- AFR 375: Race, Gender and Sport (SB & C)
- ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)
- ARB 335: Arabic Culture and Islam (G)
- ARB 336: Introduction to the Qur'an (G)
- ARB 337: Hadith and Prophetic Tradition (HU & H & G)
- ARB 341: Quran Text and Women (HU & H)
- ARB 351: Classical Arabic Literature (HU & G)
- ARB 352: Modern Arabic Literature in Translation (HU & G)
- CRJ 100: Introduction to Criminal Justice (SB)
- ENG 315: Medieval Literature in Translation
- ENG 333: American Ethnic Literature
- ENG 356: The Bible as Literature (HU)
- ENG 364: Women and Literature (HU)
- GCU 328: Geography of Middle East and North Africa (SB & G)
- GER 315: Germanic Mythology (HU & G)
- GER 416: German Civilization (HU & H & G)
- GER 421: German Literature Survey, 800-1800 (HU)
- GER 422: German Literature Survey, 1800-Today (L or HU)
- GER 431: German Humor
- GER 441: Fairy Tales (HU & G)
- IAS 430: Science and Religion (L or HU)
- JUS 320: Community and Social Justice (SB & C)
- JUS 352: The Global Politics of Human Rights (SB & G)
- JUS 360: Law and Social Control (SB)
- JUS 374: The Holocaust, Genocide, and Human Rights
- JUS 425: Race, Gender, and Justice ((L or SB) & C)
- JUS 430: Social Protest, Conflict, and Change ((L or SB) & C)

JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C)

JUS 467: Terrorism, War, and Justice (SB)

PHI 336: Social and Political Philosophy (HU)

PSY 350: Social Psychology (SB)

SLC 142: Ancient Greek Civilization (HU & H) or GRK 142: Ancient Greek Civilization (HU & H)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SLC 361: Roman Religion (HU) or LAT 361: Roman Religion (HU)

SLC 362: Ancient Greek Religion or GRK 362: Ancient Greek Religion

SLC 444: Heroes, Ancient and Modern (L or HU) or GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and Modern (L or HU)

SLC 455: Berlin: Migration, Arts and Activism (G) or GER 455: Berlin: Migration, Arts and Activism (G)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 425: Foundational Texts of Spain (L or HU)

SPA 426: Literature and Society in Modern Spain (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 434: Drama of the Golden Age

SPA 456: 20th-Century Spanish American Fiction

SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)

THP 482: Theatre for Social Change (C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.50 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Justice Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAJUSBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 105: Introduction to Justice Studies (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior hours earned. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C) | 3 | C | • Activate your Handshake account and build out your profile. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS Elective | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

| | | | |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4** 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 303: Justice Theory (L) | 3 | C | • Explore an internship |
| ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 218: Writing About Literature (L or HU) OR ENG 301: Writing for the Professions (L) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| **Term 5** 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 301: Research in Justice Studies (SB) | 3 | C | • Develop your professional online presence |
| JUS 3** Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| **Term 6** 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 3** Elective | 3 | C | |
| JUS 4** Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7** 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>JUS 4** Elective | 6 | C | • Gather professional references |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 8** 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ | JUS 4** Elective | 3 | C |
| | Upper Division Related Area Course | 3 | C |
| | *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| | Elective | 3 | |
| | Term hours subtotal: | 15 | |

- All Justice Studies students must complete 12 upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below, as well as upper-division courses from non-English language disciplines. No more than two courses can be used from a single discipline and at least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|---|
| AFR Upper Division Elective |
| AIS Upper Division Elective |
| APA Upper Division Elective |
| ARS Upper Division Elective |
| ASB Upper Division Elective |
| ASM Upper Division Elective |
| CDE Upper Division Elective |
| COM Upper Division Elective |
| CRJ Upper Division Elective |
| ECN Upper Division Elective |
| ENG Upper Division Elective |
| FAS Upper Division Elective |
| FMS Upper Division Elective |
| GCU Upper Division Elective |
| GPH Upper Division Elective |
| HST Upper Division Elective |
| IED Upper Division Elective |
| MHL Upper Division Elective |
| PHI Upper Division Elective |
| POS Upper Division Elective |
| PSY Upper Division Elective |
| REL Upper Division Elective |

SGS Upper Division Elective

SOC Upper Division Elective

SST Upper Division Elective

TCL Upper Division Elective

THE Upper Division Elective

WST Upper Division Elective

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Justice Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAJUSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 105: Introduction to Justice Studies (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 23 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | | | |
|---|---|---|---|
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS Elective | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 37 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 44 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 303: Justice Theory (L) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 51 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • Explore an internship. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 60 - 67 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 301: Research in Justice Studies (SB) | 3 | C | • Develop your professional online presence. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 67 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 3** Elective | 3 | C | • For JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305. |
| Upper Division Related Area Course | 3 | C | |
| Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

| | |
|---|---|
| Term hours subtotal: | 9 |

| Term 6 - A 76 - 82 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JUS 3** Elective | 3 | C | • For JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305.<br>• For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. |
| ★ JUS 4** Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 82 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 8 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JUS 4** Elective | 3 | C | • For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499.<br>• Gather professional references. |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JUS 4** Elective | 3 | C | • For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JUS 4** Elective | 3 | C | • For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. |
| Upper Division Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

- All Justice Studies students must complete 9 upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below, as well as upper-division courses from non-English language disciplines. No more than two courses can be used from a single discipline and at least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
| --- |
| AFR Upper Division Elective |
| AIS Upper Division Elective |
| APA Upper Division Elective |
| ARS Upper Division Elective |
| ASB Upper Division Elective |
| ASM Upper Division Elective |
| CDE Upper Division Elective |
| COM Upper Division Elective |
| CRJ Upper Division Elective |
| ECN Upper Division Elective |
| ENG Upper Division Elective |
| FAS Upper Division Elective |
| FMS Upper Division Elective |
| GCU Upper Division Elective |
| GPH Upper Division Elective |
| HST Upper Division Elective |
| IED Upper Division Elective |
| MHL Upper Division Elective |
| PHI Upper Division Elective |
| POS Upper Division Elective |
| PSY Upper Division Elective |
| REL Upper Division Elective |
| SGS Upper Division Elective |
| SOC Upper Division Elective |
| SST Upper Division Elective |
| TCL Upper Division Elective |
| THE Upper Division Elective |
| WST Upper Division Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Justice Studies, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAJUSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 105: Introduction to Justice Studies (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C) | 3 | C | • Activate your Handshake account and build out your profile. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS Elective | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 47 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 303: Justice Theory (L) | 3 | C | • Explore an internship |
| ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 218: Writing About Literature (L or HU) OR ENG 301: Writing for the Professions (L) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 301: Research in Justice Studies (SB) | 3 | C | • For JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305<br>• Develop your professional online presence |
| JUS 3** Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 302: Statistical Analysis for Justice Studies (CS) | 3 | C | • For JUS 3** Elective, student cannot use JUS 301, 302, 303, or 305 |
| JUS 3** Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* JUS 4** Elective | 6 | C | • For JUS 4** Elective, student cannot use JUS 484, 492, 498, or 499<br>• Gather professional references |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 4** Elective | 3 | C | • For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499 |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- All Justice Studies students must complete nine upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below, as well as upper-division courses from non-English language disciplines. No more than two courses can be used from a single discipline and at least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
| --- |
| AFR Upper Division Elective |
| AIS Upper Division Elective |
| APA Upper Division Elective |
| ARS Upper Division Elective |
| ASB Upper Division Elective |
| ASM Upper Division Elective |
| CDE Upper Division Elective |
| COM Upper Division Elective |
| CRJ Upper Division Elective |
| ECN Upper Division Elective |
| ENG Upper Division Elective |
| FAS Upper Division Elective |
| FMS Upper Division Elective |
| GCU Upper Division Elective |
| GPH Upper Division Elective |
| HST Upper Division Elective |
| IED Upper Division Elective |
| MHL Upper Division Elective |
| PHI Upper Division Elective |
| POS Upper Division Elective |
| PSY Upper Division Elective |
| REL Upper Division Elective |

SGS Upper Division Elective

SOC Upper Division Elective

SST Upper Division Elective

TCL Upper Division Elective

THE Upper Division Elective

WST Upper Division Elective

**Notes:**

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  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Justice Studies, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAJUSBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 105: Introduction to Justice Studies (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 23 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 30 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS Elective | 3 | C | |
| Science and Society Elective | 3 | C | |
| Elective | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 9 |

| Term 3 - B 39 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 45 - 54 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 303: Justice Theory (L) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 54 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • Explore an internship. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 301: Research in Justice Studies (SB) | 3 | | • Develop your professional online presence |
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 302: Statistical Analysis for Justice Studies (CS) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 3** Elective | 3 | C | • For JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305. |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JUS 3** Elective | 3 | C | • For JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305. |
| Upper Division Related Area Course | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JUS 4** Elective | 3 | C | • For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. |
| Upper Division Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JUS 4** Elective | 3 | C | • For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499.<br>• Gather professional references |
| Upper Division Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JUS 4** Elective | 3 | C | • For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | • For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- All Justice Studies students must complete nine upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below, as well as upper-division courses from non-English language disciplines. No more than two courses can be used from a single discipline and at least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR Upper Division Elective

AIS Upper Division Elective

APA Upper Division Elective

ARS Upper Division Elective

ASB Upper Division Elective

ASM Upper Division Elective

CDE Upper Division Elective

COM Upper Division Elective

CRJ Upper Division Elective

ECN Upper Division Elective

ENG Upper Division Elective

FAS Upper Division Elective

FMS Upper Division Elective

GCU Upper Division Elective

GPH Upper Division Elective

HST Upper Division Elective

IED Upper Division Elective

MHL Upper Division Elective

PHI Upper Division Elective

POS Upper Division Elective

PSY Upper Division Elective

REL Upper Division Elective

SGS Upper Division Elective

SOC Upper Division Elective

TCL Upper Division Elective

THE Upper Division Elective

WST Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Mathematics, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMATBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) OR CSE 100: Principles of Programming with C++ (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Select your Career Interest Communities and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Field | 4 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU) |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

| | | | |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | • PHY 121/PHY 122 and/or MSE 208 are recommended to satisfy the Natural Science - Quantitative (SQ) requirement as they also satisfy Related Field requirements. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| **Term 4 45 - 61 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 300: Mathematical Structures (L) | 3 | C | • Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.<br>• Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.<br>• Develop your skills. |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 61 - 77 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 370: Intermediate Calculus OR MAT 371: Advanced Calculus I | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.<br>• Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| *Complete 2 courses:*<br>Related Field | 6 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| **Term 6 77 - 91 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Additional Course in the Major (ACT, DAT, MAT or STP) | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.<br>• Meet with a career counselor from ASU Career Services for a review of your resume and interviewing tips for success.<br>• Use Handshake to research employment opportunities<br>• PHI 103 is recommended for the Literacy and Critical Inquiry (L) requirement. |
| Related Field | 2 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR MAT 484: Internship | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| **Term 7 91 - 106 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Additional Course in the Major (ACT, DAT, MAT or STP) | 6 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. |

| | | | |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | • Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.<br>• Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.<br>• Develop your professional online presence. |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| **Term 8 106 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Additional Course in the Major (ACT, DAT, MAT or STP) | 4 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.<br>• Meet with your academic advisor for final degree check and apply for graduation through your My ASU. |
| ★ Additional Course in the Major (ACT, DAT, MAT or STP) | 2 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 8 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| Additional Course in the Major (ACT, MAT or STP) |
|---|
| ACT Upper Division Elective |
| DAT Upper Division Elective |
| MAT 243: Discrete Mathematical Structures |
| MAT 274: Elementary Differential Equations (MA) or MAT 275: Modern Differential Equations (MA) |
| MAT Upper Division Elective |
| STP 4** Elective |

| Related Field |
|---|
| ACT Upper Division Elective |
| AST Upper Division Elective |
| BCH 4** Elective |
| BME Upper Division Elective |
| CEE Upper Division Elective |
| CHE Elective |
| CHM 341: Elementary Physical Chemistry |
| CHM 343: Elementary Physical Chemistry Laboratory |
| CHM 345: Physical Chemistry I |
| CHM 346: Physical Chemistry II |
| CHM 348: Physical Chemistry Laboratory I (L) |
| CHM 349: Physical Chemistry Laboratory II (L) |
| CHM 453: Inorganic Chemistry |
| CHM 460: Biological Chemistry |
| CHM 471: Solid-State Chemistry |
| CIS 2** Elective |
| CIS Upper Division Elective |

| |
|---|
| CSE Elective |
| DAT Upper Division Elective |
| ECN Upper Division Elective |
| EEE Elective |
| FIN Upper Division Elective |
| GLG 418: Geophysics |
| GLG 419: Geodynamics |
| GLG 470: Hydrogeology |
| GLG 481: Geochemistry |
| IEE Upper Division Elective |
| MAE Elective |
| MAT 243: Discrete Mathematical Structures |
| MAT 274: Elementary Differential Equations (MA) or MAT 275: Modern Differential Equations (MA) |
| MAT Upper Division Elective |
| MSE Elective |
| PHI 333: Symbolic Logic |
| PHI 413: Advanced Symbolic Logic |
| PHY 121: University Physics I: Mechanics (SQ) |
| PHY 122: University Physics Laboratory I (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) |
| PHY 132: University Physics Laboratory II (SQ) |
| PHY 150: Physics I (SQ) |
| PHY 151: Physics II (SQ) |
| PHY 2** Elective |
| PHY Upper Division Elective |
| STP Upper Division Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Mathematics, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMATBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Elective | 3 | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | • Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation.<br>• PHI 103 Principles of Sound Reasoning is recommended to satisfy the Literacy and Critical Inquiry (L) requirement.<br>• Join a student club or professional organization. |
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• PHY 121/PHY 122 and/or MSE 208 is recommended to satisfy the Natural Science - Quantitative (SQ) requirement as they also satisfy Related Field requirements. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 2 | | |
| Complete First-Year Composition requirement. | | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | • Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU) |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 300: Mathematical Structures (L) | 3 | C | • Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.<br>• Completion of MAT 300 with a B or better by the end of this term is strongly correlated with success in this major and meets prerequisites to continue with MAT 371 in the next term. |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| Science and Society Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 371: Advanced Calculus I | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor<br>• MAT 275 highly recommended. |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Additional Courses in the Major (ACT, DAT, MAT, STP) | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor<br>• Develop your professional online presence. |
| Upper Division Depth Course | 3 | C | |
| Related Field | 3 | C | |
| Upper Division Elective OR MAT 484: Internship | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Additional Courses in the Major (ACT, DAT, MAT, STP) | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by an academic advisor in the School of Mathematical and Statistical Sciences.<br>• Complete an in person or virtual practice interview. |
| Upper Division Advanced Courses | 3 | C | |
| Upper Division Depth Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ Upper Division Advanced Courses | | 3 | C |
| Related Field | | 4 | C |
| *Complete 2 courses:*<br>Upper Division Elective | | 6 | |
| | Term hours subtotal: | 13 | |

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- Upper-division MAT/STP courses should be taken through the Tempe campus unless approved by a SoMSS advisor
- Meet with your academic advisor for final degree check and apply for graduation through your My ASU.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Advanced Courses | Depth Courses | Related Field |
|---|---|---|
| ACT 4** Elective | ACT 440: Long-Term Actuarial Mathematics I | ACT 410: Mathematics of Finance |
| DAT 401: Statistical Modeling and Inference for Data Science | ACT 441: Long-Term Actuarial Mathematics II | ACT 415: Probability for Risk Management |
| DAT 402: Statistical Learning | ACT 450: Actuarial Models and Modeling I | ACT 430: Mathematics of Financial Derivatives |
| MAT 372: Advanced Calculus II | ACT 451: Actuarial Models and Modeling II | ACT 450: Actuarial Models and Modeling I |
| MAT 410: Introduction to General Topology | MAT 410: Introduction to General Topology | ACT 451: Actuarial Models and Modeling II |
| MAT 412: Differential Geometry | MAT 412: Differential Geometry | BCH 4** Elective |
| MAT 415: Introduction to Combinatorics | MAT 415: Introduction to Combinatorics | BME Upper Division Elective |
| MAT 416: Graph Theory | MAT 416: Graph Theory | CEE Upper Division Elective |
| MAT 419: Introduction to Linear Optimization (CS) | MAT 423: Numerical Analysis I (CS) | CHE Elective |
| MAT 420: Scientific Computing | MAT 425: Numerical Analysis II (CS) | CHM 341: Elementary Physical Chemistry |
| MAT 421: Applied Computational Methods (CS) | MAT 442: Advanced Linear Algebra | CHM 343: Elementary Physical Chemistry Laboratory |
| MAT 423: Numerical Analysis I (CS) | MAT 444: Intermediate Abstract Algebra | CHM 345: Physical Chemistry I |
| MAT 425: Numerical Analysis II (CS) | MAT 447: Cryptography I | CHM 346: Physical Chemistry II |
| MAT 440: Group Theory | MAT 448: Cryptography II | CHM 348: Physical Chemistry Laboratory I (L) |
| MAT 441: Ring Theory | MAT 472: Intermediate Real Analysis I | CHM 349: Physical Chemistry Laboratory II (L) |
| MAT 442: Advanced Linear Algebra | MAT 473: Intermediate Real Analysis II | CHM 453: Inorganic Chemistry |
| MAT 443: Introduction to Abstract Algebra | MAT 475: Differential Equations | CHM 460: Biological Chemistry |
| MAT 444: Intermediate Abstract Algebra | MAT 476: Partial Differential Equations | CHM 471: Solid-State Chemistry |
| MAT 445: Theory of Numbers | STP 425: Stochastic Processes | CIS 2** Elective |
| MAT 447: Cryptography I | STP 427: Mathematical Statistics | CIS Upper Division Elective |

MAT 448: Cryptography II

MAT 451: Mathematical Modeling (CS)

MAT 452: Introduction to Chaos and Nonlinear Dynamics

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 476: Partial Differential Equations

STP 420: Introductory Applied Statistics (CS)

STP 421: Probability

STP 425: Stochastic Processes

STP 427: Mathematical Statistics

STP 429: Applied Regression (CS)

Additional Course in the major (ACT, DAT, MAT, STP)

ACT Upper Division Elective

DAT Upper Division Elective

MAT 243: Discrete Mathematical Structures

MAT 274: Elementary Differential Equations (MA) or MAT 275: Modern Differential Equations (MA)

MAT Upper Division Elective

STP Upper Division Elective

CSE Elective

ECN Upper Division Elective

DAT Upper Division Elective

EEE Elective

FIN Upper Division Elective

GLG 418: Geophysics

GLG 419: Geodynamics

GLG 470: Hydrogeology

GLG 481: Geochemistry

IEE Upper Division Elective

MAE Elective

MAT Upper Division Elective

MSE Elective

PHI 333: Symbolic Logic

PHI 413: Advanced Symbolic Logic

PHY 121: University Physics I: Mechanics (SQ)

PHY 122: University Physics Laboratory I (SQ)

PHY 131: University Physics II: Electricity and Magnetism (SQ)

PHY 132: University Physics Laboratory II (SQ)

PHY 150: Physics I (SQ)

PHY 151: Physics II (SQ)

PHY 2** Elective

PHY Upper Division Elective

STP Upper Division Elective

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Mathematics (Secondary Education), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMATSBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 207: Algebra and Geometry in the High School | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your Career Interest Communities and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| MTE 210: Mentored Tutoring Internship | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 208: Discrete Mathematics for Secondary Teachers | 3 | C | • GCU 113 satisfies the US and AZ constitution requirement needed for teacher certification. |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 49 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU) |
| MTE 250: Technology and Mathematical Visualization | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Complete First-Year Composition requirement. | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 17 | |

| Term 4 49 - 64 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 300: Mathematical Structures (L) | 3 | C | • Apply for an Identity Verified Print (IVP) fingerprint clearance card. This is required by AZ state law for participation in internships in 6-12 grade schools.<br>• Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| MAT 310: Introduction to Geometry | 3 | C | |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| MTE 320: Conceptual Foundations of 7-12 Mathematics Curricula and Assessment | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 64 - 79 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 371: Advanced Calculus I | 3 | C | • Meet with your advisor early in the semester to submit an intent to progress form that notifies the Teacher's College that you will be ready to enroll in your first internship the following term. You will upload a copy of your IVP fingerprint card with this form. Teacher's College will then invite you to attend a mandatory Professional Pathways Orientation.<br>• Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| MTE 430: The Development of Mathematical Thinking | 3 | C | |
| STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| MAT OR STP Upper Division Elective ( MAT 274 OR MAT 275 recommended) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 79 - 95 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BLE 407: SEI for Secondary Students (L) | 3 | | • During your clinical experience internships, you will work alongside a lead teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 6-8.<br>• Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor<br>• Build your professional connections -- join the ASU Mentor Network |
| MAT 415: Introduction to Combinatorics OR MAT 416: Graph Theory | 3 | C | |
| SED 398: Clinical Experience | 1 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 95 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MTE 482: Methods of Teaching Mathematics in Secondary School | 3 | C | • Students seeking teacher certification must pass required educator exams. Please speak with your Teachers College advisor to plan appropriately.<br>• Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.<br>• Use Handshake to research employment opportunities |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | C | |
| MAT 441: Ring Theory OR MAT 445: Theory of Numbers OR MAT 440: Group Theory | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Gather professional references.<br>• Your student teaching residency requires a full time commitment in a 6-12 grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Mathematics (Statistics), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMATTBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSE 110: Principles of Programming (CS) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Elective | 3 | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | • Join a student club or professional organization. |
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor<br>• PHI 103 is recommended to satisfy the Literacy and Critical Inquiry (L) general studies requirement |
| STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | | | |
|---|---|---|---|
| Maintain 3.00 GPA in Critical Tracking Courses. | | | • Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU) |
| | Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 300: Mathematical Structures (L) | 3 | C | • Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.<br>• STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| STP 429: Applied Regression (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 371: Advanced Calculus I | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor |
| STP 421: Probability | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| STP 427: Mathematical Statistics | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor<br>• Develop your professional online presence.<br>• Use Handshake to research employment opportunities |
| MAT or STP Advanced Course | 3 | C | |
| Related Field Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR MAT 484: Internship | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division MAT or STP Advanced Course | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.<br>• STP and upper-division MAT courses should be taken through the Tempe campus, unless approved by a SoMSS advisor<br>• Gather professional references. |
| Upper Division Science and Society Elective | 3 | C | |
| Related Field Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division MAT or STP Advanced Course | 3 | C | • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. |
| Related Field Course | 4 | C | |
| Upper Division Elective | 3 | | |

| | | |
|---|---|---|
| *Complete 2 courses:*<br>Elective | | 5 |
| | Term hours subtotal: | 15 |

- STP and upper-division MAT courses should be taken through the Tempe campus, unless approved by an SoMSS advisor
- Meet with your academic advisor for final degree check and apply for graduation through My ASU.
- Apply for full-time career opportunities.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Related Field Course | MAT or STP Advanced Course |
|---|---|
| ACT Upper Division Elective | ACT 430: Mathematics of Financial Derivatives |
| AST Upper Division Elective | ACT 435: Statistics for Risk Modeling |
| BCH 4** Elective | ACT 450: Actuarial Models and Modeling I |
| BME Upper Division Elective | ACT 451: Actuarial Models and Modeling II |
| CEE Upper Division Elective | MAT 275: Modern Differential Equations (MA) |
| CHE Elective | MAT 372: Advanced Calculus II |
| CHM 341: Elementary Physical Chemistry | MAT 420: Scientific Computing |
| CHM 343: Elementary Physical Chemistry Laboratory | MAT 421: Applied Computational Methods (CS) |
| CHM 345: Physical Chemistry I | MAT 423: Numerical Analysis I (CS) |
| CHM 346: Physical Chemistry II | MAT 442: Advanced Linear Algebra |
| CHM 348: Physical Chemistry Laboratory I (L) | MAT 472: Intermediate Real Analysis I |
| CHM 349: Physical Chemistry Laboratory II (L) | STP 4** Elective |
| CHM 453: Inorganic Chemistry | |
| CHM 460: Biological Chemistry | |
| CHM 471: Solid-State Chemistry | |
| CIS 2** Elective | |
| CIS Upper Division Elective | |
| CSE Elective | |
| DAT 301: Exploring Data in R and Python | |
| DAT 402: Statistical Learning | |
| ECN Upper Division Elective | |
| EEE Elective | |

FIN Upper Division Elective

GLG 418: Geophysics

GLG 419: Geodynamics

GLG 470: Hydrogeology

GLG 481: Geochemistry

IEE Upper Division Elective

MAE Elective

MAT Upper Division Elective

MSE Elective

PHI 333: Symbolic Logic

PHI 413: Advanced Symbolic Logic

PHY 121: University Physics I: Mechanics (SQ)

PHY 122: University Physics Laboratory I (SQ)

PHY 131: University Physics II: Electricity and Magnetism (SQ)

PHY 132: University Physics Laboratory II (SQ)

PHY 150: Physics I (SQ)

PHY 151: Physics II (SQ)

PHY 2** Elective

PHY Upper Division Elective

STP Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Microbiology, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMICBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement<br>• Select your Career Interest Communities and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student organization<br>• Activate your Handshake account and build out your profile.<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Attend a Pre-Health 101 Session<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics | 4 | C | • Pre-health students should take CHM 233 and CHM 237 this term. See the pre-health website for more information<br>• If CHM 231 and 235 are taken, then BCH 361 and 367 must be taken the following semester<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• It is not recommended to take more than two lab courses in a term. |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 14 | |

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a Study Abroad 101 Session
- Explore Minors or Certificates

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) | 4 | C | • Pre-health students should take CHM 234 and CHM 238 this term. See the pre-health website for more information<br>• If CHM 231 and 235 were previously taken, then BCH 361 and 367 must be taken this term<br>• If CHM 233 and 237 were previously taken, then CHM 234 and 238 must be taken this term<br>• Meet with the Career & Professional Development Center to learn how to develop professional skills<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) |
| BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory OR CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MIC 302: Advanced Bacteriology Laboratory (L) | 2 | C | • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 this term. See the pre-health website for more information<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU<br>• Two lab courses are required and may be fulfilled by course requirements in other areas<br>• Thinking about graduate school? Consider registering for a grad school test prep course. |
| MIC 360: Bacterial Physiology | 3 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Upper Division Additional Major Requirements | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Microbiology/Immunology Major Electives | 3-4 | C | • Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health website for more information<br>• Students must complete one upper-division elective from the list of Microbiology/Immunology Electives and one upper-division elective from the list of General Biology Electives.<br>• Explore graduate school or full-time employment opportunities |
| Upper Division Additional Major Requirements | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division General Biology Major Electives | 3-4 | C | |

| | | |
|---|---|---|
| Upper Division Science and Society Elective | 3 | C |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | |
| Term hours subtotal: | 15-16 | |

- Apply for full-time career opportunities
- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MIC 401: Research Paper (L) | 1 | C | |
| Upper Division Additional Major Requirements | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 5 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- MIC 401 requires the completion of an individualized instruction form and meeting with a faculty reader before the semester begins
- Continue to apply for full-time career opportunities or graduate school

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| General Biology Major Electives |
|---|
| BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) |
| BIO 320: Fundamentals of Ecology |
| BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) |
| BIO 345: Evolution |
| BIO 351: Developmental Biology |
| BIO 353: Cell Biology |
| BIO 360: Animal Physiology |
| BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L) |
| BMI 465: Introduction to Comparative Genomics |

| Major Elective |
|---|
| BIO OR MIC 3** Elective |
| BIO OR MIC 4** Elective |
| BMI 465: Introduction to Comparative Genomics |
| HPS 410: Biomedical Research Ethics (L) |
| MBB 343: Genetic Engineering and Society (L) |
| MBB 445: Techniques in Molecular Biology/Genetics |
| MBB 446: Techniques in Molecular Biology/Genetics Lab |
| PHI 320: Bioethics (HU) |

| Microbiology/Immunology Major Electives |
|---|
| MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics |
| MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab |
| MIC 314: HIV/AIDS: Science, Behavior, and Society |
| MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations |
| MIC 379: Medical Bacteriology |
| MIC 394: Special Topics |
| MIC 421: Experimental Immunology |
| MIC 441: Bacterial Genetics |
| MIC 442: Bacterial Genetics Laboratory |
| MIC 484: Internship |
| MIC 485: General Virology |

| Additional Major Requirements |
|---|

BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging

BIO 484: Internship or MIC 484: Internship

BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research

MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics

MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab

MIC 421: Experimental Immunology

MIC 425: Advanced Immunology

MIC 441: Bacterial Genetics

MIC 442: Bacterial Genetics Laboratory

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Microbiology (Medical Microbiology), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMICMBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students.<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement<br>• Select your Career Interest Communities and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student organization<br>• Activate your Handshake account and build out your profile.<br>• Attend a Pre-Health 101 Session<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 340: General Genetics OR MBB 347: Molecular Genetics: From Genes to Proteins | 4 | C | • Pre-health students should take CHM 233 and CHM 237 this term. See the pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• It is not recommended to take more than two lab courses in a term.<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

- Attend a Study Abroad 101 Session
- Explore Minors or Certificates

| Term 4 46 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) | 4 | C | • Pre-health students should take CHM 234 and CHM 238 this term instead of Elective. See the pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 17 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 353: Cell Biology | 3 | C | • Pre-health students should take PHY 111 and 113 instead of PHY 101 this term. See the pre-health website for more information.<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad).<br>• Explore graduate school or full-time job opportunities. |
| BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory | 4 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Upper Division Elective | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>BIO 360: Animal Physiology OR HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H) OR MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society OR MIC 421: Experimental Immunology OR MIC 379: Medical Bacteriology OR MIC 485: General Virology | 5-6 | C | • BIO 312 or BIO 416 will satisfy the upper-division Science and Society requirement for The College of Liberal Arts and Sciences.<br>• Pre-health students should take PHY 112 and 114 instead of Elective this term. See the pre-health website for more information<br>• Courses from the Microbes and Biomedicine groups must include at least one course from each category and at least one (1) lab course.<br>• Explore graduate school or full-time opportunities. |
| BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L) | 3 | | |
| Microbes or Biomedicine Course | 4-2 | C | |
| Upper Division Elective | 1 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16-15 | | |

| Term 7 94 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MIC 420: Immunology: Molecular and Cellular Foundations OR BIO 420: Immunology: Molecular and Cellular Foundations | 3 | | • Courses from the Microbes and Biomedicine groups must include one (1) lab course |
| Microbes or Biomedicine Course | 2-4 | C | |

| | | |
|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| Term hours subtotal: | 14-16 | |

- Thinking about graduate school? Consider registering for a grad school test prep course.
- Use Handshake to research employment opportunities
- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8

| **Term 8 108 - 120 Credit Hours Necessary course signified by** ★ | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ MIC 401: Research Paper (L) | 1 | C | • Continue to apply for full-time career opportunities or graduate school<br>• MIC 401 requires the completion of an individualized instruction form and meeting with a faculty reader before the semester begins. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Upper Division Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Biomedicine |
|---|
| ASB 462: Medical Anthropology: Culture and Health (SB & C) |
| BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) |
| BIO 345: Evolution |
| BIO 351: Developmental Biology |
| BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging |
| MIC 445: Techniques in Molecular Biology/Genetics or MBB 445: Techniques in Molecular Biology/Genetics |
| MIC 446: Techniques in Molecular Biology/Genetics Lab or MBB 446: Techniques in Molecular Biology/Genetics Lab |
| MIC 494: Biotechnology Viruses as Tools or BIO 494: Biotechnology Viruses as Tools |

| Microbes |
|---|
| BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research |
| MIC 302: Advanced Bacteriology Laboratory (L) |
| MIC 314: HIV/AIDS: Science, Behavior, and Society |
| MIC 360: Bacterial Physiology |
| MIC 379: Medical Bacteriology |
| MIC 425: Advanced Immunology |
| MIC 441: Bacterial Genetics |
| MIC 442: Bacterial Genetics Laboratory |
| MIC 485: General Virology |
| MIC 492: Honors Directed Study or BIO 492: Honors Directed Study or MBB 492: Honors Directed Study |
| MIC 494: Human Pathogenic Viruses |

MIC 494: Novel Models for Host-Microbe Interactions

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Molecular Biosciences and Biotechnology, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAMBBBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students.<br>• Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement.<br>• Select your Career Interest Communities and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Join a student organization<br>• Activate your Handshake account and build out your profile.<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Attend a Pre-Health 101 Session<br>• Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MBB 347: Molecular Genetics: From Genes to Proteins | 4 | C | • Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235 this term. See pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• It is not recommended to take more than two lab courses in a term. |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a Study Abroad 101 Session
- Explore Minors or Certificates

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MBB 343: Genetic Engineering and Society (L) | 4 | C | • Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See the pre-health website for more information<br>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester<br>• MBB 343 will be used to satisfy the upper-division Science and Society credit for The College.<br>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)<br>• Meet with the Career & Professional Development Center to learn how to develop professional skills |
| MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MBB 484: Internship OR MBB 492: Honors Directed Study OR MBB 495: Undergraduate Research | 3 | C | • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101. See pre-health website for more information<br>• MBB 484 or MBB 492 or MBB 495 requires the completion of an individualized instruction form and meeting with a faculty member before the semester begins. These are positions and research experience secured by the student on their own<br>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)<br>• Thinking about graduate school? Consider registering for a grad school test prep course.<br>• Apply for full-time career opportunities |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MBB 484: Internship OR MBB 492: Honors Directed Study OR MBB 495: Undergraduate Research | 3 | C | • Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See pre-health website for more information<br>• MBB 484 or MBB 492 or MBB 495 requires the completion of an individualized instruction form and meeting with a faculty member before the semester begins. These are positions and research experience secured by the student on their own |
| BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory | 4 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 4 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | | |
|---|---|---|
| Term hours subtotal: | 14 | |

- Use Handshake to research employment opportunities
- Explore graduate school or full-time opportunities

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MBB 490: Capstone: Issues in Biotechnology (L) | 2 | C | • MBB 490 is a fall only course and can be taken before or after MBB 491 in a student's final year.<br>• Explore or apply for full-time career opportunities or graduate school<br>• Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 |
| Upper Division Major Electives | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 7 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ MBB 491: Capstone: Issues in Molecular Biosciences (L) | 2 | C | • MBB 491 is a spring only course and can be taken before or after MBB 490 in a student's final year.<br>• Continue to apply for full-time career opportunities or graduate school |
| Upper Division Major Electives | 4 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Electives |
|---|
| BIO 308: Plant Physiology |
| BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS) |
| BIO 357: Cell and Molecular Biology Laboratory |
| BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging |
| BIO 415: Statistical Models for Biology (CS) |
| BIO 439: Computing for Research |
| BIO 494: Biotechnology Viruses as Tools |
| MBB 350: Applied Genetics |

MBB 440: Functional Genomics or BIO 440: Functional Genomics

MBB 445: Techniques in Molecular Biology/Genetics AND MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 445: Techniques in Molecular Biology/Genetics AND MIC 446: Techniques in Molecular Biology/Genetics Lab

MIC 302: Advanced Bacteriology Laboratory (L)

MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations AND MIC 421: Experimental Immunology

MIC 441: Bacterial Genetics AND MIC 442: Bacterial Genetics Laboratory

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Neuroscience, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LABMENBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU.<br>• Join a student club or professional organization. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| NEU 101: Introduction to Neuroscience | 3 | C | |
| BIO 181: General Biology I (SQ) | 4 | C | |
| MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Secure a part-time job or volunteer experience. |
| BIO 182: General Biology II (SG) | 4 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Explore an internship.<br>• Pursue research opportunities. |
| NEU 294: Design and Statistics for Neuroscience OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 46 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Track Electives | 3 | C | • For the Upper Division Major Track Electives, one course is required from each of three of the four tracks of study, with additional electives from any of the tracks to complete the 21 required total hours.<br>• The College of Liberal Arts and Sciences' Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) track coursework must be completed through courses offered by The College of Liberal Arts and Sciences. |
| Upper Division Science and Society Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Major Track Electives | 6 | C | • Use Handshake to research employment opportunities<br>• Draft a resume<br>• Gather professional references |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Major Track Electives | 6 | C | • Apply for graduate school. |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Major Track Electives | 6 | C | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Elective | 4-5 | | |

Term hours subtotal: 13-14

- One course is required from each of three of the four tracks of study, with additional electives from any of the tracks to complete the 21 required total hours.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Behavioral Neuroscience |
| --- |
| BIO 477: Systems and Behavioral Neuroscience |
| NEU 307: Your Brain on Drugs |
| NEU 394: Biopsychology |
| NEU 394: Neuroscience of Learning and Motivation |
| NEU 494: Anatomy of the Nervous System |
| NEU 494: Brain and Emotion |
| NEU 494: Developmental and Behavioral Neuroendocrinology |
| NEU 494: Neural Basis of Learning and Memory |
| NEU 494: Neuroeconomics |
| NEU 494: Neuropharmacology of Psychiatric Medications |

| Cellular and Molecular Neuroscience |
| --- |
| BIO 327: Evolution of Human Behavior |
| BIO 331: Animal Behavior |
| BIO 360: Animal Physiology |
| BIO 435: Research Techniques in Animal Behavior |
| BIO 436: Sociobiology and Behavioral Ecology |
| BIO 465: Neurophysiology |
| BIO 467: Neurobiology |
| BIO 476: Cellular and Molecular Neuroscience |
| BIO 494: Biotechnology Viruses as Tools |
| BIO 494: Genetics and Genomics of Behavior |
| BIO 494: Neurobiology of Attachment |
| BIO 494: Neurodevelopment |

| Cognitive Neuroscience |
| --- |
| NEU 394: Fundamentals of Cognitive Neuroscience |
| NEU 394: Neuroimaging Methods |
| NEU 394: Neuroscience of Perception |
| NEU 494: Cognitive Neuroscience of Memory |
| NEU 494: Neuroscience of Social Cognition |
| NEU 494: Visual Cognitive Neuroscience |
| SHS 367: Language Science (SB) |
| SHS 485: Acquired Speech and Language Disorders |

| Systems and Computational Neuroscience |
| --- |
| BIO 355: Introduction to Computational Molecular Biology (CS) |
| BIO 439: Computing for Research |
| BIO 477: Systems and Behavioral Neuroscience |
| BIO 494: Data Analysis in Neuroscience |
| BME 316: Biomechanics for Biomedical Engineers |
| BME 350: Signals and Systems for Bioengineers |
| BME 360: Control in Biological Systems |

BME 416: Advanced Biomechanics

BME 465: Magnetic Resonance Imaging

KIN 424: Neural Aspects of Movement and Rehabilitation

MAT 451: Mathematical Modeling (CS)

MAT 494: Mathematical Neuroscience

SHS 310: Anatomical and Physiological Bases of Speech

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Neuroscience, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LABMENBS

| Term 1 - A 0 - 8 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-LA: The ASU Experience | 1 | | |
| BIO 181: General Biology I (SQ) | 4 | C | |
| Term hours subtotal: | 8 | | |

| Term 1 - B 8 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NEU 101: Introduction to Neuroscience | 3 | C | • View ASU Online first-year student registration information here.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Join a student club or professional organization. |
| MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 14 - 21 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| BIO 182: General Biology II (SG) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 21 - 27 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) | 3 | C | • Participate in a volunteer experience. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 27 - 34 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Take advantage of online tutoring resources. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 7 |

| Term 3 - B 34 - 40 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NEU 294: Design and Statistics for Neuroscience OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 40 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Participate in an internship |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Major Track Electives | 3 | C | • For the Upper Division Major Track Electives, one course is required from each of three of the four tracks of study, with additional electives from any of the tracks to complete the 21 required total hours.<br>• The College of Liberal Arts and Sciences' Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) track coursework must be completed through courses offered by The College of Liberal Arts and Sciences. |
| Upper Division Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 59 - 65 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | • Take advantage of career resources |
| Term hours subtotal: | 6 | | |

| Term 6 - A 65 - 71 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Major Track Electives | 6 | C | • Draft a resume |
| Term hours subtotal: | 6 | | |

| Term 6 - B 71 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

| | | | |
|---|---|---|---|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| **Term 7 - A 77 - 83 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Major Track Electives | 6 | C | • Use Handshake to research employment opportunities |
| Term hours subtotal: | 6 | | |

| **Term 7 - B 83 - 89 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| **Term 8 - A 89 - 95 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ *Complete 2 courses:* Upper Division Major Track Electives | 6 | C | |
| Term hours subtotal: | 6 | | |

| **Term 8 - B 95 - 101 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | • Gather professional references |
| Term hours subtotal: | 6 | | |

| **Term 9 - A 101 - 107 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ Upper Division Elective | 3 | | • Apply for graduate school |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 9 - B 107 - 113 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| **Term 10 - A 113 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ *Complete 3 courses:* Elective | 7-8 | | • Apply for full-time career opportunities |
| Term hours subtotal: | 7-8 | | |

- 
  - One course is required from each of three of the four tracks of study, with additional electives from any of the tracks to complete the 21 required total hours.
  - All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses

(i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Behavioral Neuroscience |
|---|
| BIO 477: Systems and Behavioral Neuroscience |
| NEU 307: Your Brain on Drugs |
| NEU 394: Biopsychology |
| NEU 394: Neuroscience of Learning and Motivation |
| NEU 494: Anatomy of the Nervous System |
| NEU 494: Brain and Emotion |

| Cellular and Molecular Neuroscience |
|---|
| BIO 331: Animal Behavior |
| BIO 360: Animal Physiology |
| BIO 467: Neurobiology |
| BIO 476: Cellular and Molecular Neuroscience |

| Cognitive Neuroscience |
|---|
| NEU 394: Fundamentals of Cognitive Neuroscience |
| NEU 394: Neuroimaging Methods |
| NEU 394: Neuroscience of Perception |
| NEU 494: Cognitive Neuroscience of Memory |
| SHS 367: Language Science (SB) |
| SHS 485: Acquired Speech and Language Disorders |

| Systems and Computational Neuroscience |
|---|
| BIO 439: Computing for Research |
| BIO 477: Systems and Behavioral Neuroscience |
| SHS 310: Anatomical and Physiological Bases of Speech |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Philosophy, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPHIBA

**Accelerated options for this program are not currently available to ASU Online students.**

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.<br>• Select your Career Interest Communities and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| PHI Elective | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization.<br>• If interested in law school, review the Pre-Law at ASU website. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if the G requirement has not already been satisfied through other coursework. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |

| | | | |
|---|---|---|---|
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | • Explore opportunities to study abroad. |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 103: Principles of Sound Reasoning (L or HU) | 3 | C | • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.<br>• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• If interested in law school, make an appointment with the pre-law advisor. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 300: Philosophical Argument and Exposition (L) | 3 | C | • Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.<br>• Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied with major courses.<br>• Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. |
| Upper Division History of Philosophy | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Upper Division Elective OR PHI 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 333: Symbolic Logic OR PHI 413: Advanced Symbolic Logic | 3 | C | • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.<br>• Explore graduate school opportunities.<br>• If planning to attend law school, prepare to take the LSAT. |
| Upper Division History of Philosophy | 3 | C | |
| PHI 313: Probability, Evidence, and Decision OR PHI 314: Philosophy of Science (HU) OR PHI 330: Theory of Knowledge (HU) | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 4** Philosophy Seminar Course | 3 | C | • Use Handshake to research employment opportunities. |
| PHI 335: History of Ethics (HU) OR PHI 336: Social and Political Philosophy (HU) OR PHI 337: Ethical Theory (HU) OR PHI 338: Metaethics | 3 | C | |

| | | | |
|---|---|---|---|
| Upper Division Elective | 3 | | • Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHI 331: Philosophy of Language (HU) OR PHI 332: Metaphysics (HU) OR PHI 334: Philosophy of Mind (HU) | 3 | C | • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.<br>• Apply for full-time career opportunities. |
| ★ 4** Philosophy Seminar Course | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- At least 12 upper-division hours in the major (PHI) must be in courses offered by The College of Liberal Arts and Sciences.
- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.

Hide Course List(s)/Track Group(s)

| History of Philosophy |
|---|
| PHI 328: History of Ancient Philosophy (HU & H) |
| PHI 329: History of Modern Philosophy (HU & H) |
| PHI 401: Rationalism |
| PHI 402: Empiricism (HU) |
| PHI 403: Contemporary Analytic Philosophy (HU) |

| 400-Level (4**) Philosophy Seminar Course |
|---|
| PHI 401: Rationalism |
| PHI 402: Empiricism (HU) |
| PHI 403: Contemporary Analytic Philosophy (HU) |
| PHI 405: Moral Psychology |
| PHI 408: Feminist Ethics (HU) |
| PHI 413: Advanced Symbolic Logic |
| PHI 420: Topics in Philosophy |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Philosophy, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAPHIBA

**Accelerated options for this program are not currently available to ASU Online students.**

| Term 1 - A 0 - 6 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students.<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-LA: The ASU Experience | 1 | | |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 1 - B 6 - 12 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • View ASU Online first-year student registration information here. |
| PHI Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 12 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 19 - 26 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • If interested in law school, review the Pre-Law at ASU website. |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Term hours subtotal: | 7 | |

| Term 3 - B 33 - 40 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if G requirement has not already been satisfied through other coursework.<br>• Explore opportunities to study abroad. Online students are eligible and encouraged to participate! |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 40 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 103: Principles of Sound Reasoning (L or HU) | 3 | C | • Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking.<br>• If interested in law school, make an appointment with the pre-law advisor. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 300: Philosophical Argument and Exposition (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 59 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 328: History of Ancient Philosophy (HU & H) OR PHI 329: History of Modern Philosophy (HU & H) OR PHI 403: Contemporary Analytic Philosophy (HU) | 3 | C | • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, contact an academic advisor. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 66 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 328: History of Ancient Philosophy (HU & H) OR PHI 329: History of Modern Philosophy (HU & H) OR PHI 403: Contemporary Analytic Philosophy (HU) | 3 | C | |

| | | | |
|---|---|---|---|
| Elective | 3 | | • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies. |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 314: Philosophy of Science (HU) OR PHI 330: Theory of Knowledge (HU) | 3 | C | • If planning on law school, prepare to take the LSAT. |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHI 333: Symbolic Logic | 3 | C | • Explore graduate school opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHI 335: History of Ethics (HU) OR PHI 336: Social and Political Philosophy (HU) OR PHI 337: Ethical Theory (HU) OR PHI 338: Metaethics | 3 | C | • View career webinars offered by Career and Professional Development Services. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | • Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHI 332: Metaphysics (HU) OR PHI 334: Philosophy of Mind (HU) | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy | 3 | C | • PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy | 3 | C | • PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.<br>• Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- At least 12 upper-division hours in the major (PHI) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Philosophy (Morality, Politics and Law), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPHIMPBA

**Accelerated options for this program are not currently available to ASU Online students.**

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.<br>• Select your Career Interest Communities and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 2 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • If planning to take PHI 333: Symbolic Logic in a later semester, take PHI 103, the prerequisite for PHI 333.<br>• Explore opportunities to study abroad. |
| PHI 101: Introduction to Philosophy (HU) OR PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.<br>• If interested in law school, review the Pre-Law at ASU website.<br>• Join a student club or professional organization. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 46 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • If interested in law school, make an appointment with the pre-law advisor.<br>• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| PHI 300: Philosophical Argument and Exposition (L) | 3 | C | • Please see "Politics" course list below.<br>• Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. |
| PHI 328: History of Ancient Philosophy (HU & H) OR PHI 329: History of Modern Philosophy (HU & H) | 3 | C | |
| Politics Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective OR PHI 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| PHI 335: History of Ethics (HU) OR PHI 337: Ethical Theory (HU) | 3 | C | • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.<br>• If planning on law school, prepare to take the LSAT.<br>• Explore graduate school opportunities. |
| Upper Division Epistemology, Metaphysics, or Logic Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| PHI 307: Philosophy of Law (HU) OR PHI 347: Philosophical Theories of Constitutional Law | 3 | C | • Please see "Ethics" course list below.<br>• Use Handshake to research employment opportunities. |
| 4** Philosophy Seminar Course | 3 | C | |

| | | |
|---|---|---|
| Upper Division Ethics Course | 3 | C |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| Term hours subtotal: | 15 | |

- Attend career fairs, workshops and related events offered by Career and Professional Development Services.

| **Term 8** 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ 4** Philosophy Seminar Course | 3 | C | • Please see "Law" course list below.<br>• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.<br>• Apply for full-time career opportunities. |
| ★ Upper Division Law Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.

Hide Course List(s)/Track Group(s)

| Epistemology, Metaphysics, or Logic | Ethics | Law |
|---|---|---|
| PHI 330: Theory of Knowledge (HU) | PHI 306: Applied Ethics (HU) | HST 321: Constitutional History/US to 1865 (SB & H) |
| PHI 331: Philosophy of Language (HU) | PHI 310: Environmental Ethics (HU) | HST 322: Constitutional History of the United States Since 1865 (H) |
| PHI 332: Metaphysics (HU) | PHI 320: Bioethics (HU) | HST 323: Historical Studies in Race, Crime, and the Law |
| PHI 333: Symbolic Logic | PHI 335: History of Ethics (HU) | JUS 303: Justice Theory (L) |
| PHI 334: Philosophy of Mind (HU) | PHI 337: Ethical Theory (HU) | JUS 308: Courts and Society |
| | PHI 338: Metaethics | JUS 360: Law and Social Control (SB) |
| | PHI 370: Sports Ethics (HU) | JUS 410: Punishment: Logic and Approach |
| | PHI 405: Moral Psychology | JUS 463: Discretionary Justice (SB) |
| | PHI 408: Feminist Ethics (HU) | JUS 465: Death Penalty in the United States (L) |
| | REL 381: Religion and Moral Issues (L or HU) | PHI 307: Philosophy of Law (HU) |
| | | PHI 347: Philosophical Theories of Constitutional Law |
| | | POS 370: Law and Society (SB) |
| | | POS 465: International Organization and Law (SB & G) |
| | | POS 470: Law and the Political Order (SB) |
| | | POS 471: Constitutional Law I (SB) |
| | | POS 472: Constitutional Law II (SB) |
| Politics | 400-Level (4**) Philosophy Seminar Course | |

HST 315: Political History of the U. S. (SB & H)

HST 317: History of Postwar U.S. Conservatism or POS 317: History of Postwar U.S. Conservatism

HST 414: Political History and Leadership or POS 414: Political History and Leadership

PHI 336: Social and Political Philosophy (HU)

POS 210: Political Ideologies (SB)

POS 340: History of Political Philosophy I (HU & H)

POS 341: History of Political Philosophy II (HU & H)

POS 346: Problems of Democracy (HU)

POS 368: Ethics and Human Rights

POS 442: American Political Thought (HU)

REL 319: Religion, Violence and America

REL 378: Religion, War and Peace (L)

REL 388: Religion, Ethics, and International Politics or POS 388: Religion, Ethics, and International Politics

PHI 401: Rationalism

PHI 402: Empiricism (HU)

PHI 403: Contemporary Analytic Philosophy (HU)

PHI 405: Moral Psychology

PHI 408: Feminist Ethics (HU)

PHI 413: Advanced Symbolic Logic

PHI 420: Topics in Philosophy

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Philosophy (Morality, Politics and Law), BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAPHIMPBA

**Accelerated options for this program are not currently available to ASU Online students.**

| Term 1 - A 0 - 6 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-LA: The ASU Experience | 1 | | |
| Elective | 2 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 1 - B 6 - 12 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • Taking a Social-Behavioral Sciences (SB) course that also satisfies Global Awareness (G) is suggested.<br>• View ASU Online first-year student registration information here. |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 12 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 101: Introduction to Philosophy (HU) OR PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU) | 3 | C | • If planning to take PHI 333: Symbolic Logic in a later semester, take PHI 103, the prerequisite for PHI 333.<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

| | | | |
|---|---|---|---|
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.

- If interested in law school, review the Pre-Law at ASU website.

| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 33 - 40 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.<br>• Explore opportunities to study abroad. Online students are eligible and encouraged to participate! |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 40 - 47 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking.<br>• If interested in law school, make an appointment with the pre-law advisor. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 47 - 54 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 54 - 60 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 300: Philosophical Argument and Exposition (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ PHI 328: History of Ancient Philosophy (HU & H) OR PHI 329: History of Modern Philosophy (HU & H) | 3 | C | • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 66 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHI 335: History of Ethics (HU) OR PHI 337: Ethical Theory (HU) | 3 | C | • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, contact an academic advisor. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHI 330: Theory of Knowledge (HU) OR PHI 332: Metaphysics (HU) OR PHI 333: Symbolic Logic OR PHI 334: Philosophy of Mind (HU) | 3 | C | • If planning on law school, prepare to take the LSAT. |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 78 - 84 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Politics Course | 3 | C | • Please see "Politics" course list below.<br>• Explore graduate school opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHI 307: Philosophy of Law (HU) | 3 | C | • View career webinars offered by Career and Professional Development Services. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy | 3 | C | • PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Law Course | 3 | C | • Please see "Law" course list below. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Ethics Course | 3 | C | • Please see "Ethics" course list below.<br>• Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|---|---|---|---|

| Term 9 - B 108 - 114 Credit Hours | Hours | Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy | 3 | C | • PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.<br>• Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

| Ethics | Law | Politics |
|---|---|---|
| PHI 306: Applied Ethics (HU) | JUS 303: Justice Theory (L) | PHI 336: Social and Political Philosophy (HU) |
| PHI 310: Environmental Ethics (HU) | POS 370: Law and Society (SB) | POS 210: Political Ideologies (SB) |
| PHI 320: Bioethics (HU) | POS 465: International Organization and Law (SB & G) | POS 340: History of Political Philosophy I (HU & H) |
| PHI 335: History of Ethics (HU) | POS 471: Constitutional Law I (SB) | POS 346: Problems of Democracy (HU) |
| PHI 337: Ethical Theory (HU) | POS 472: Constitutional Law II (SB) | POS 368: Ethics and Human Rights |
| PHI 338: Metaethics | | POS 442: American Political Thought (HU) |
| REL 381: Religion and Moral Issues (L or HU) | | REL 388: Religion, Ethics, and International Politics or POS 388: Religion, Ethics, and International Politics |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Philosophy (Science, Nature and Mind), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPHISNMBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.<br>• Select your Career Interest Communities and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| *Complete 2 courses:*<br>Elective | 5 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Explore opportunities to study abroad.<br>• Join a student club or professional organization.<br>• Activate your Handshake account and build out your profile.<br>• If interested in a health career, attend a Pre-Health 101 workshop. |
| PHI 103: Principles of Sound Reasoning (L or HU) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Choosing a Humanities (HU) course that also satisfies the Historical Awareness (H) requirement is recommended. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |

| | | |
|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 16 | |

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
- If interested in a health career, review the Pre-Health website.
- If interested in law school, review the Pre-Law website.
- If planning on a health career, choose electives that satisfy medical or dental school requirements for admission.

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

- Choosing a Social Behavioral Sciences (SB) course that also satisfies the Global Awareness (G) requirement is recommended if these requirements have not already been satisfied.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.
- If interested in a health career, make an appointment with a pre-health advisor.
- If interested in law school, make an appointment with the pre-law advisor.

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 300: Philosophical Argument and Exposition (L) | 3 | C | |
| PHI 314: Philosophy of Science (HU) | 3 | C | |
| Upper Division History of Philosophy Course | 3 | C | |
| Upper Division Elective OR PHI 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Please see "History of Philosophy" course list below.
- Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
- If planning on a health career, prepare to take entrance exams for professional school.

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 333: Symbolic Logic OR PHI 413: Advanced Symbolic Logic | 3 | C | |
| PHI 334: Philosophy of Mind (HU) | 3 | C | |
| Mind Course OR Science and Nature Course | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Please see "Mind" and "Science and Nature" course lists below.
- Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.
- If planning on law school, prepare to take the LSAT.
- Thinking about graduate school? Consider registering for a grad school test prep course.

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 4** (400-Level) Philosophy Seminar Course | 3 | C | |

| | | |
|---|---|---|
| Upper Division Science and Nature Course | 3 | C |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

- Please see "Science and Nature" course list below.
- Use Handshake to research employment opportunities.
- Attend career fairs, workshops and related events offered by Career and Professional Development Services.

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ 4** (400-Level) Philosophy Seminar Course | 3 | C | |
| Upper Division Mind Course | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- Please see "Mind" course list below.
- Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
- Apply for full-time career opportunities.

- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.

Hide Course List(s)/Track Group(s)

| History of Philosophy |
|---|
| PHI 328: History of Ancient Philosophy (HU & H) |
| PHI 329: History of Modern Philosophy (HU & H) |
| PHI 401: Rationalism |
| PHI 402: Empiricism (HU) |
| PHI 403: Contemporary Analytic Philosophy (HU) |

| Mind |
|---|
| IAS 410: Evolution of Ideas (L or HU) |
| PHI 313: Probability, Evidence, and Decision or HPS 313: Probability, Evidence, and Decision |
| PHI 319: Philosophy, Computing and Artificial Intelligence (CS) |
| PHI 330: Theory of Knowledge (HU) |
| PHI 331: Philosophy of Language (HU) |
| PHI 405: Moral Psychology |
| PSY 224: Introduction to Cognitive Neuroscience |
| PSY 323: Sensation and Perception |
| PSY 324: Memory and Cognition |
| PSY 341: Developmental Psychology (SB) |
| PSY 434: Cognitive Psychology (L) |

| Science and Nature |
|---|
| FIS 331: Technology and the Modern World |
| HPS 322: History of Science I (HU & H) |
| HPS 323: History of Science II (HU & H) or BIO 317: History of Science II (HU & H) |
| HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H) |
| HPS 349: Nature, Sustainability and Religion or JST 349: Nature, Sustainability and Religion or REL 349: Nature, Sustainability and Religion or SOS 349: Nature, Sustainability and Religion |
| HST 345: Environmental History (L) |
| MAT 411: History and Philosophy of Mathematics (HU & H) |
| PHI 310: Environmental Ethics (HU) or BIO 324: Environmental Ethics (HU) |
| PHI 320: Bioethics (HU) or BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) |
| PHI 322: History and Philosophy of Sustainability or HST 308: History and Philosophy of Sustainability or SOS 309: History and Philosophy of Sustainability |
| PHI 325: Philosophy of Social Science (HU or SB) |

PHI 332: Metaphysics (HU)

PHI 409: Eco-Community Ethics (HU) or IAS 409: Eco-Community Ethics (HU)

SOC 334: Technology and Society (L or SB) or ASB 344: Technology and Society (L or SB)

SOS 310: Equity, Justice and Sustainability

STS 302: Philosophy of Science and Technology (SB)

STS 303: History of Science and Technology (H)

STS 306: Social Effects of Science and Technology (SB)

STS 331: Ethical Issues in Science and Technology (SB)

WST 340: Gender, Science, and Technology (SB)

400-Level (4**) Philosophy Seminar Course

PHI 401: Rationalism

PHI 402: Empiricism (HU)

PHI 403: Contemporary Analytic Philosophy (HU)

PHI 405: Moral Psychology

PHI 408: Feminist Ethics (HU)

PHI 413: Advanced Symbolic Logic

PHI 420: Topics in Philosophy

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Physics, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPHYBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 3-4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• CHM 114 may be taken in place of CHM 113.<br>• Select your career interest communities and play me3@ASU. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 3-4 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Join a student club or professional organization. |
| PHY 150: Physics I (SQ) OR PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-15 | | |

| Term 3 28 - 42 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA) | 3-4 | C | |

| | | |
|---|---|---|
| PHY 151: Physics II (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14-15 | |

| **Term 4 42 - 59 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• Complete an in person or virtual practice interview. |
| PHY 252: Physics III (SQ) OR PHY 241: University Physics III AND PHY 202: Programming for Physicists | 4 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 17 | | |

| **Term 5 59 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| PHY 302: Mathematical Methods in Physics II | 3 | C | |
| PHY 310: Classical Particles, Fields, and Matter I | 3 | C | |
| PHY 314: Quantum Physics I | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| PHY 311: Classical Particles, Fields, and Matter II | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Physics Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Physics Elective | 3 | C | |
| *Complete 4 courses:* | | | |

| | | |
|---|---|---|
| Upper Division Elective | 12 | |
| Term hours subtotal: | 15 | |

- Courses other than those in the track list below must be approved by the academic advisor in Physics.
- Meet with your academic advisor for final degree check before registering for final semester.
- Develop your professional online presence

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- Apply for graduation through My ASU.
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| Upper Division Physics Elective |
|---|
| PHY 315: Quantum Physics II |
| PHY 333: Electronic Circuits and Measurements |
| PHY 334: Advanced Laboratory I (L) |
| PHY 361: Introductory Modern Physics |
| PHY 462: Particle and Nuclear Physics |
| PHY 480: Methods of Teaching Physics |
| PHY 494: Special Topics |
| PHY 498: Pro-Seminar |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Physics, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAPHYBA

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 265: Calculus for Engineers I (MA) | 3 | C | • View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 266: Calculus for Engineers II (MA) | 3 | C | • ASU Language Placement: Only those students with no experience with the language may take the 101-level course. All other students are required to take a language placement exam, regardless of prior credit earned.<br>• Join a student club or professional organization. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 28 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 8 |

| Term 3 - A 28 - 35 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C | • Review the Career Guide for ASU Online students to learn about available career planning resources. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 35 - 43 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 8 | | |

| Term 4 - A 43 - 50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 241: University Physics III AND PHY 202: Programming for Physicists | 4 | C | • Register for a Handshake account and participate in virtual career advising. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 50 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 59 - 68 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 302: Mathematical Methods in Physics II | 3 | C | • Complete an in person or virtual practice interview. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 68 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 314: Quantum Physics I | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 74 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 310: Classical Particles, Fields, and Matter I | 3 | C | • Develop your professional online presence<br>• CHM 114 may be taken in place of CHM 113 |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PHY 311: Classical Particles, Fields, and Matter II | 3 | C | |
| ★ Upper Division Literacy and Critical Inquiry (L) ( PHY 334 recommended) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Physics Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Physics Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

Physics Upper Division Electives

PHY 333: Electronic Circuits and Measurements

PHY 334: Advanced Laboratory I (L)

PHY 361: Introductory Modern Physics

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Physics, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPHYBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | • PHY 121/122 and 131/132 may be used in place of PHY 150 and 151.<br>• Join a student club or professional organization |
| PHY 150: Physics I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • PHY 121/122 and 131/132 may be used in place of PHY 150 and 151.<br>• Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU). |
| PHY 151: Physics II (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 17 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | • Activate your Handshake account and build out your profile.<br>• Create a first draft resume. |
| PHY 252: Physics III (SQ) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 302: Mathematical Methods in Physics II | 3 | C | |
| PHY 310: Classical Particles, Fields, and Matter I | 3 | C | |
| PHY 314: Quantum Physics I | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 311: Classical Particles, Fields, and Matter II | 3 | C | • Explore graduate programs<br>• Prepare for the physics GRE |
| PHY 315: Quantum Physics II | 3 | C | |
| PHY 334: Advanced Laboratory I (L) | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Elective OR PHY 484: Internship | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 412: Classical Particles, Fields, and Matter III OR PHY 416: Quantum Physics III | 3 | C | • Develop your professional online presence<br>• Prepare for graduate school |
| PHY 441: Statistical and Thermal Physics | 3 | C | |
| PHY 333: Electronic Circuits and Measurements OR PHY 465: Advanced Laboratory II | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY Upper Division Elective | 3 | C | |
| *Complete 3 courses:*<br>Elective | 9 | | |

Term hours subtotal: 12

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Physics (Secondary Education), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPHYSEBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | • ASU 101 or college-specific First-Year Seminar required of all first-year students.<br>• Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | • PHY 121/122 and 131/132 may be used in place of PHY 150 and 151<br>• Join a student club or professional organization |
| PHY 150: Physics I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 118: Explorations in Science Teaching | 1 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • PHY 121/122 and 131/132 may be used in place of PHY 150 and 151<br>• Activate your Handshake account and build out your profile. |
| PHY 151: Physics II (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) ( GCU 113 recommended) | 3 | | |

| | | |
|---|---|---|
| Elective | 2 | |
| Complete First-Year Composition requirement. | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 45 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | • Students must complete at least 60 credit hours including foundational coursework, and have a minimum 2.50 cumulative GPA to progress into the Teachers College program.<br>• Apply for a Identity Verified Print (IVP) DPS fingerprint card. |
| PHY 252: Physics III (SQ) | 4 | C | |
| PHY 333: Electronic Circuits and Measurements | 3 | C | |
| EDP 313: Childhood and Adolescence (SB) OR TEL 315: Child and Adolescent Development (L or SB) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 302: Mathematical Methods in Physics II | 3 | C | • Submit 'Intent to Progress' form with IVP fingerprint card by October 1. After submission of forms, attend mandatory Teachers College Orientation. |
| PHY 310: Classical Particles, Fields, and Matter I | 3 | C | |
| PHY 314: Quantum Physics I | 3 | C | |
| PHY 334: Advanced Laboratory I (L) | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BLE 407: SEI for Secondary Students (L) | 3 | C | • During your clinical experiences, you will work alongside an intern mentor teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 6-8.<br>• Complete an in person or virtual practice interview |
| PHY 311: Classical Particles, Fields, and Matter II | 3 | C | |
| PHY 315: Quantum Physics II | 3 | C | |
| PHY 480: Methods of Teaching Physics | 3 | C | |
| SED 398: Clinical Experience | 1 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 412: Classical Particles, Fields, and Matter III | 3 | C | |

| | | |
|---|---|---|
| PHY 441: Statistical and Thermal Physics | 3 | C |
| RDG 323: Literacy Processes in Content Areas | 3 | C |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C |
| SED 496: Clinical Experience III | 1 | C |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- Register for the NES exam for secondary professional knowledge (NES). Needed for certification in Arizona.
- All degree requirements must be completed prior to student teaching.
- Develop your professional online presence.

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Only one course will be approved to take concurrently with student teaching residency. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Political Science, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPOSBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | • Join a student club or professional organization.<br>• Create a first draft resume.<br>• Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 210: Political Ideologies (SB) | 3 | C | • A study abroad experience enhances cross-cultural awareness and may expand career opportunities.<br>• Develop your career skills. |
| Related Area Course | 3 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Elective | 3 | C | • Explore an internship.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 301: Empirical Political Inquiry (SB) | 3 | C | • Thinking about graduate school? Consider registering for a grad school test prep course. |
| POS Upper Division Elective | 3 | C | |
| POS Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Upper Division Elective | 3 | C | • Complete an in person or virtual practice interview. |
| *Complete 2 courses:*<br>Related Area Course | 6 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Upper Division Elective | 3 | C | • Gather professional references. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Upper Division Elective | 3 | C | |

| | | |
|---|---|---|
| *Complete 4 courses:*<br>Upper Division Elective | 12 | • Apply for full-time career opportunities |
| Term hours subtotal: | 15 | |

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.

Hide Course List(s)/Track Group(s)

| Related Area Course |
|---|
| AES OR AFR OR AIS OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR GPH OR HST OR JUS OR MIS OR PHI OR PSY OR REL OR SGS OR SOC OR TCL OR WST Elective |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Political Science, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAPOSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | • ASU 101 or college-specific First-Year Seminar is required for all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 12 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here.<br>• Activate your Handshake account and build out your profile. |
| Elective | 2 | | |
| Term hours subtotal: | 5 | | |

| Term 2 - A 12 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned.<br>• Join a student club or professional organization. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* French, Italian, German, Spanish and Vietnamese are available online. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • Mathematics Placement Assessment score determines placement in mathematics course.<br>• Create a first draft resume. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* French, Italian, German, Spanish and Vietnamese are available online. | 4 | C | |

| | | |
|---|---|---|
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Term hours subtotal: | 7 | |

| Term 3 - A 26 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 210: Political Ideologies (SB) | 3 | C | • Develop your career skills. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* French, Italian, German, Spanish and Vietnamese are available online. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 33 - 40 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;<br>* French, Italian, German, Spanish and Vietnamese are available online. | 4 | C | • A study abroad experience enhances cross-cultural awareness and may expand career opportunities. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 40 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Elective | 3 | C | • View career webinars and meet with a career counselor to discuss professional goals. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 46 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Courses | 3 | C | • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.<br>• Explore an internship. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 301: Empirical Political Inquiry (SB) | 3 | C | • Build your professional connections -- join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 59 - 65 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Courses | 3 | C | • Thinking about graduate school? Consider registering for a grad school test prep course . |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 65 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| POS Elective | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Term hours subtotal: | 7 | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Courses | 3 | C | • Complete an in person or virtual practice interview. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ POS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Courses | 3 | C | • Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ POS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ POS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | • Apply for full-time career opportunities |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ POS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |

Term hours subtotal: 6

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
| --- |
| AFR OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR GPH OR HST OR JUS OR PHI OR PSY OR REL OR SGS OR SOC OR WST Elective |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Political Science, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPOSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students.<br>• Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | • Join a student club or professional organization.<br>• Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 210: Political Ideologies (SB) | 3 | C | • A study abroad experience enhances cross-cultural awareness and may expand career opportunities.<br>• Develop your career skills. |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>POS Elective | 6 | C | • Explore an internship.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete Natural Science - Quantitative (SQ) course. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 301: Empirical Political Inquiry (SB) | 3 | C | • Thinking about graduate school? Consider registering for a grad school test prep course . |
| Related Area Course | 3 | C | |
| Science and Society Elective | 3 | C | |
| POS Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 401: Political Statistics (CS) | 3 | C | • Complete an in person or virtual practice interview. |
| Upper Division Science and Society Elective | 3 | C | |
| *Complete 2 courses:*<br>POS Upper Division Elective | 6 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Upper Division Elective | 3 | C | • Gather professional references. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Upper Division Elective | 3 | C | • Apply for full-time career opportunities |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Related Area Course |
| --- |
| AES OR AFR OR AIS OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR GPH OR HST OR JUS OR MIS OR PHI OR PSY OR REL OR SGS OR SOC OR TCL OR WST Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Political Science, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAPOSBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Mathematics Placement Assessment score determines placement in mathematics course.<br>• Activate your Handshake account and build out your profile. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | • Create a first draft resume. |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 - A 25 - 31 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| POS 210: Political Ideologies (SB) | 3 | C | • Develop your career skills. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Elective | 3 | C | • A study abroad experience enhances cross-cultural awareness and may expand career opportunities. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Science and Society Elective | 3 | C | • View career webinars and meet with a career counselor to discuss professional goals. |
| POS Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | • Explore an internship. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete Natural Science - Quantitative (SQ) course. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 301: Empirical Political Inquiry (SB) | 3 | C | • Build your professional connections -- join the ASU Mentor Network. |
| POS Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | • Thinking about graduate school? Consider registering for a grad school test prep course . |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 401: Political Statistics (CS) | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Science and Society Elective | 3 | C | • Complete an in person or virtual practice interview. |
| POS Upper Division Elective | 3 | C | |

| | | | |
|---|---|---|---|
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| | Term hours subtotal: | 6 | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Related Area Courses | 6 | C | • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Upper Division Elective | 3 | C | • Gather professional references. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Related Area Courses | 6 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS Upper Division Elective | 3 | C | |
| Term hours subtotal: | 3 | | |

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Students may not use more than six credit hours of POS 484 or POS 499 in the major.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
| --- |
| AFR OR APA OR ASB OR ASM OR COM OR ECN OR FAS OR GCU OR GPH OR HST OR JUS OR PHI OR PSY OR REL OR SGS OR SOC OR WST Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Politics and the Economy, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPECBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | | • ASU 101 or college-specific First-Year Seminar is required of all first-year students.<br>• Students placing into MAT 210 or MAT 270 should take one of those courses in Term 1. If not, students should select a prerequisite course. Students should not take MAT 142.<br>• Students considering graduate work in economics should choose MAT 270 or a prerequisite course.<br>• Students can choose to complete Humanities (HU) and Historical Awareness (H) separately. |
| Mathematics (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 210: Brief Calculus (MA) | 3 | C | • Students considering graduate work in economics should select MAT 270 instead of MAT 210.<br>• Select your career interest area and play me3@ASU. |
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | • Students considering graduate work in economics should select MAT 271 instead of MAT 211.<br>• Visit the Career and Professional Development Center to identify networking |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | | |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | opportunities and to seek career planning assistance. |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | • Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately.<br>• Attend career related workshops and meet with a career counselor to discuss professional goals. |
| POS 210: Political Ideologies (SB) | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | |
| POS 301: Empirical Political Inquiry (SB) | 3 | C | |
| POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G) | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | • Complete an internship to develop job-related skills and connections.<br>• Use Handshake to researchemployment opportunities. |
| ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy | 3 | C | |
| POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G) | 3 | C | |
| ECN 221: Business Statistics (CS) OR POS 401: Political Statistics (CS) | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy | 3 | C | • Thinking about graduate school? Consider registering for a grad school test prep course. |
| POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G) | 3 | C | |

| | | | |
|---|---|---|---|
| Upper Division Elective OR POS 484: Internship OR ECN 484: Internship | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECN 475: Capstone in Economics (L) OR POS 348: Do You Want to Build a Nation? (L) | 3 | C | • Apply for full-time career opportunities |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPGSBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences satisfies this requirement.<br>• Select your career interest area and play me3@ASU.<br>• Join a student club or professional organization. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from: ASB, ASM, BIO, GCU, HPS, PHI, SOC.<br>• Secure a part-time job or volunteer experience. |
| Foundations of Behavior | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) | 3 | C | • Languages offered at ASU<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Explore an internship. |
| Foundations of Behavior | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |

| | | |
|---|---|---|
| Elective | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

- Pursue research opportunities.

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C |
| Foundations of Behavior | 3 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| PSY Elective | 3 | C |
| Term hours subtotal: | 14 | |

- PSY Elective: Before graduation, students must complete three additional PSY courses (nine credit hours). At least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499.

| Term 5 60 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| *Complete 2 courses:*<br>3** Breadth Within Psychology | 6 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 17 | |

- Breadth Within Psychology: Before graduation, students must complete one course from four of the five Breadth course lists below (four courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social.
- The College of Liberal Arts and Sciences' Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology.

| Term 6 77 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| *Complete 2 courses:*<br>3** Breadth Within Psychology | 6 | C |
| Foundations of Behavior | 3 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 13 | |

- Use Handshake to research employment opportunities
- Draft a resume
- Gather professional references

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| 4** Depth Within Psychology | 3 | C |
| PSY Upper Division Elective | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Upper Division Elective OR PSY 484: Internship | 3 | |

- Depth Within Psychology: Students must complete two courses from the course list below. NOTE: PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.
- PSY Upper Division Elective: Students must complete three additional PSY courses (nine

| | | |
|---|---|---|
| | Term hours subtotal: | 15 |

credit hours). At least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499.

- Apply for graduate school.

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ 4** Depth Within Psychology | 3 | C | • Apply for full-time career opportunities. |
| PSY Upper Division Elective | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.

Hide Course List(s)/Track Group(s)

| Foundations of Behavior (12 credit hours from the following options) | Biological Breadth | Personality/Mental Health Breadth |
|---|---|---|
| ASB Elective | PSY 325: Physiological Psychology | PSY 315: Personality Theory and Research (SB) |
| ASM Elective | | PSY 366: Abnormal Psychology (SB) |
| BIO Elective | | |
| GCU Elective | | |
| HPS Elective | | |
| PHI Elective | | |
| SOC Elective | | |
| **Cognitive/Learning Breadth** | **Developmental Breadth** | **Social Breadth** |
| PSY 320: Learning and Motivation | PSY 341: Developmental Psychology (SB) | PSY 350: Social Psychology (SB) |
| PSY 323: Sensation and Perception | | PSY 351: Honors Social Psychology (L or SB) |
| PSY 324: Memory and Cognition | | |
| **400-Level Depth Within Psychology** | | |
| PSY 400: Topics in Neuroscience | | |
| PSY 414: History of Psychology (L or SB) | | |
| PSY 420: Analysis of Behavior (L) | | |
| PSY 424: Genetic Psychology (L) | | |
| PSY 425: Biological Bases of Behavior (L) | | |
| PSY 426: Neuroanatomy | | |

PSY 430: Industrial Psychology

PSY 432: Embodied Cognition (L)

PSY 434: Cognitive Psychology (L)

PSY 437: Human Factors (L)

PSY 441: Cognitive Development (L or SB)

PSY 443: Abnormal Child Psychology (L or SB)

PSY 444: Adolescent Psychology and Psychopathology

PSY 446: Social Development (L or SB)

PSY 447: Psychology of Aging (SB)

PSY 451: Stereotyping, Prejudice, and Discrimination (L)

PSY 458: Group Dynamics

PSY 461: Interpersonal Influence (SB)

PSY 462: Health Psychology

PSY 465: Psychology of Stress and Coping

PSY 468: Psychology and Law

PSY 470: Psychopharmacology

PSY 471: Psychological Testing

PSY 472: Clinical Psychology

PSY 498: Pro-Seminar

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPGSBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences fulfills this requirement.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Join a student club or professional organization. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from: ASB, ASM, BIO, GCU, HPS, PHI, SOC.<br>• Secure a part-time job or volunteer experience. |
| Foundations of Behavior | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) | 3 | C | • Explore an internship.<br>• Pursue research opportunities. |
| Foundations of Behavior | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 4 | | |

| | | |
|---|---|---|
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • Science and Society: All students pursuing a bachelor of science degree in The College of Liberal Arts and Sciences must complete the two-course Science and Society requirement. A list of all approved courses and the requirement guidelines may be found here. |
| Foundations of Behavior | 3 | C | |
| Science and Society Elective | 3 | C | |
| PSY Elective | 3 | C | • PSY Elective: Before graduation, students must complete three additional PSY elective courses (nine credit hours). At least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499. |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* 3** Breadth Within Psychology | 6 | C | • Breadth Within Psychology: Before graduation, students must complete one course from four of the five Breadth course lists below (four courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social. |
| Upper Division Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | • The College of Liberal Arts and Sciences' Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology. |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* 3** Breadth Within Psychology | 6 | C | • Use Handshake to research employment opportunities |
| Foundations of Behavior | 3 | C | • Draft a resume |
| PSY Upper Division Elective | 3 | C | • Gather professional references |
| Elective | 3 | | • PSY Upper Division Elective: Before graduation, students must complete three additional PSY courses (nine credit hours). At least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499. |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ★ 4** Depth Within Psychology | 3 | C |
| PSY Upper Division Elective | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | C |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | |
| Elective OR PSY 484: Internship | 3 | |
| Term hours subtotal: | 15 | |

- Depth Within Psychology: Before graduation, students must complete two courses from the course list below. NOTE: PSY 498 Pro-Seminar must be offered by The College of Liberal Arts and Sciences - Department of Psychology.
- Apply for graduate school.

| **Term 8** 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ 4** Depth Within Psychology | 3 | C | • Apply for full-time career opportunities. |
| *Complete 4 courses:* Upper Division Elective | 12 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.

Hide Course List(s)/Track Group(s)

| Foundations of Behavior (12 credit hours from the following options) | Biological Breadth | Personality/Mental Health Breadth |
|---|---|---|
| ASB Elective | PSY 325: Physiological Psychology | PSY 315: Personality Theory and Research (SB) |
| ASM Elective | | PSY 366: Abnormal Psychology (SB) |
| BIO Elective | | |
| GCU Elective | | |
| HPS Elective | | |
| PHI Elective | | |
| SOC Elective | | |
| **Cognitive/Learning Breadth** | **Developmental Breadth** | **Social Breadth** |
| PSY 320: Learning and Motivation | PSY 341: Developmental Psychology (SB) | PSY 350: Social Psychology (SB) |
| PSY 323: Sensation and Perception | | PSY 351: Honors Social Psychology (L or SB) |
| PSY 324: Memory and Cognition | | |
| **400-Level Depth Within Psychology** | | |
| PSY 400: Topics in Neuroscience | | |
| PSY 414: History of Psychology (L or SB) | | |

PSY 420: Analysis of Behavior (L)

PSY 424: Genetic Psychology (L)

PSY 425: Biological Bases of Behavior (L)

PSY 426: Neuroanatomy

PSY 430: Industrial Psychology

PSY 432: Embodied Cognition (L)

PSY 434: Cognitive Psychology (L)

PSY 437: Human Factors (L)

PSY 441: Cognitive Development (L or SB)

PSY 443: Abnormal Child Psychology (L or SB)

PSY 444: Adolescent Psychology and Psychopathology

PSY 446: Social Development (L or SB)

PSY 447: Psychology of Aging (SB)

PSY 451: Stereotyping, Prejudice, and Discrimination (L)

PSY 458: Group Dynamics

PSY 461: Interpersonal Influence (SB)

PSY 462: Health Psychology

PSY 465: Psychology of Stress and Coping

PSY 468: Psychology and Law

PSY 470: Psychopharmacology

PSY 471: Psychological Testing

PSY 472: Clinical Psychology

PSY 498: Pro-Seminar

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120 **General University Requirements Legend**

**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Psychology (Psychological Science), BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAPGSPSBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences fulfills this requirement.<br>• Select your Career Interest Communities and play me3@ASU.<br>• Join a student club or professional organization. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from: ASB, ASM, BIO, GCU, HPS, PHI, SOC. Students must complete at least six credit hours from within a single department and subject code.<br>• Secure a part-time job or volunteer experience. |
| Foundations of Behavior | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 230: Introduction to Statistics (CS) | 3 | C | • Explore an internship.<br>• Pursue research opportunities. |
| Foundations of Behavior | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 4 | | |
| Complete First-Year Composition requirement. | | | |

| | | | |
|---|---|---|---|
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 290: Research Methods (L or SG) | 4 | C | • Science and Society Elective: All students pursuing a bachelor of science degree in The College of Liberal Arts and Sciences must complete the two-course Science and Society requirement. A list of all approved courses and the requirement guidelines can be found here. |
| *Complete 2 courses:* Foundations of Behavior | 6 | C | |
| Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* 3** Breadth Within Psychology Course | 6 | C | • Research Experience: Before graduating, students must complete at least six credit hours of Research Experience (PSY 399, PSY 499, PSY 492, or PSY 493)<br>• Breadth Within Psychology: Before graduation, students must complete one course from four of the five Breadth course lists below (four courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social.<br>• The College of Liberal Arts and Sciences' Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology. |
| PSY 399: Supervised Research | 3 | Y | |
| Upper Division Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* 3** Breadth Within Psychology Course | 6 | C | • Use Handshake to research employment opportunities<br>• Draft a resume<br>• Gather professional references |
| PSY 330: Statistical Methods (CS) | 3 | C | |
| PSY 399: Supervised Research OR PSY 492: Honors Directed Study OR PSY 493: Honors Thesis (L) OR PSY 499: Individualized Instruction | 3 | Y | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| 4** Depth Within Psychology Course | 3 | C | • 400-Level Depth Within Psychology: Before graduation, students must complete two courses from the course list below. NOTE: PSY 498 |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR PSY 484: Internship | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |

| | | |
|---|---|---|
| Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

Pro-Seminar must be offered by The College of Liberal Arts and Sciences - Department of Psychology.

- Apply for graduate school.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ 4** Depth Within Psychology Course | 3 | C | • Apply for full-time career opportunities. |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Students in this major must complete at least six credit hours of their Foundations of Behavior within a single department and subject code.
- Students cannot declare this major as first-year students.
- Students must have a minimum ASU cumulative GPA of 3.00 to be accepted into this major, and students must maintain a minimum ASU cumulative GPA of 3.00 to remain in the major.
- PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.

Hide Course List(s)/Track Group(s)

| Foundations of Behavior (12 credit hours from the following options. At least 6 hours must be from one subject.) | Biological Breadth | Personality/Mental Health Breadth |
|---|---|---|
| ASB Elective | PSY 325: Physiological Psychology | PSY 315: Personality Theory and Research (SB) |
| ASM Elective | | PSY 366: Abnormal Psychology (SB) |
| BIO Elective | | |
| GCU Elective | | |
| HPS Elective | | |
| PHI Elective | | |
| SOC Elective | | |
| **Cognitive/Learning Breadth** | **Developmental Breadth** | **Social Breadth** |
| PSY 320: Learning and Motivation | PSY 341: Developmental Psychology (SB) | PSY 350: Social Psychology (SB) |
| PSY 323: Sensation and Perception | | PSY 351: Honors Social Psychology (L or SB) |
| PSY 324: Memory and Cognition | | |

| 400-Level Depth Within Psychology |
| --- |
| PSY 400: Topics in Neuroscience |
| PSY 414: History of Psychology (L or SB) |
| PSY 420: Analysis of Behavior (L) |
| PSY 424: Genetic Psychology (L) |
| PSY 425: Biological Bases of Behavior (L) |
| PSY 426: Neuroanatomy |
| PSY 430: Industrial Psychology |
| PSY 432: Embodied Cognition (L) |
| PSY 434: Cognitive Psychology (L) |
| PSY 437: Human Factors (L) |
| PSY 441: Cognitive Development (L or SB) |
| PSY 443: Abnormal Child Psychology (L or SB) |
| PSY 444: Adolescent Psychology and Psychopathology |
| PSY 446: Social Development (L or SB) |
| PSY 447: Psychology of Aging (SB) |
| PSY 451: Stereotyping, Prejudice, and Discrimination (L) |
| PSY 458: Group Dynamics |
| PSY 461: Interpersonal Influence (SB) |
| PSY 462: Health Psychology |
| PSY 465: Psychology of Stress and Coping |
| PSY 468: Psychology and Law |
| PSY 470: Psychopharmacology |
| PSY 471: Psychological Testing |
| PSY 472: Clinical Psychology |
| PSY 498: Pro-Seminar |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Religious Studies (Religion, Culture and Public Life), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LARELCPBA

**Accelerated options for this program are not currently available to ASU Online students.**

| **Term 1 0 - 16 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| REL 101: Religion, Culture and Public Life (HU & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.<br>• Select your Career Interest Communities and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 2 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 16 | | |

| **Term 2 16 - 30 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • See Religion, Culture and Public Life course list below. Students complete 15 credit hours from the Religion, Culture and Public Life concentration as part of the Religious Studies major.<br>• Join a student club or professional organization.<br>• If interested in law school, review the Pre-Law at ASU website. |
| Religion, Culture and Public Life Concentration Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 14 | | |

| **Term 3 30 - 46 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | |
|---|---|---|
| Related Area Course | 3 | C |
| REL Outside Concentration Course | 3 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Elective | 3 | |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.50 GPA in REL. | | |
| Term hours subtotal: | 16 | |

- Outside Concentration courses include any REL courses that are not listed in the Religion, Culture and Public Life concentration. REL 100 and REL 321 may count as either Religion, Culture and Public Life concentration courses, or as Outside Concentration courses, but not both.
- Please see list of Related Area courses below.
- Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.
- Explore opportunities to study abroad.

| **Term 4 46 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| Religion, Culture and Public Life Concentration Course | 3 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Maintain 2.50 GPA in REL. | | |
| Term hours subtotal: | 14 | |

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.
- If interested in law school, make an appointment with the pre-law advisor.

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| REL 307: Religion: Theory and Practice (L or HU) | 3 | C |
| Upper Division Religion, Culture and Public Life Concentration Course | 3 | C |
| Related Area Course | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Upper Division Elective | 3 | |
| Maintain 2.50 GPA in REL. | | |
| Term hours subtotal: | 15 | |

- REL 307 is typically offered only in the Fall semester.
- Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.
- Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| Upper Division Religion, Culture and Public Life Concentration Course | 3 | C |
| Upper Division Related Area Course | 3 | C |
| Upper Division REL Outside Concentration Course | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Upper Division Elective OR REL 484: Internship | 3 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Maintain 2.50 GPA in REL. | | |

- Upper Division Outside Concentration courses include any upper-division REL courses that are not listed in the Religion, Culture and Public Life concentration. REL 321 may count as either a Religion, Culture and Public Life concentration course, or as an Outside Concentration course, but not both.
- Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
- Explore graduate school opportunities.

| | | |
|---|---|---|
| Term hours subtotal: | 15 | |

- If planning on law school, prepare to take the LSAT.

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Religion, Culture and Public Life Concentration Course | 3 | C | • Use Handshake to research employment opportunities.<br>• Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| Upper Division Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ REL 405: Problems in Religious Studies OR REL 406: Religious Studies Capstone I AND REL 407: Religious Studies Capstone II | 3 | C | • REL 405 serves as the capstone course for this major and is typically offered only in the Spring semester. REL 405 is for on-campus students while REL 406 and 407 are for ASU Online students.<br>• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.<br>• Apply for full-time career opportunities. |
| Upper Division Related Area Course | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| ★ Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 15 | | |

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  - Students complete 15 credit hours in the Religion, Culture and Public Life concentration, at least nine of which must be upper-division.
  - Students complete six credits of Outside Concentration REL courses, at least three of which must be upper-division. The Outside Concentration courses are any REL courses NOT in the Religion, Culture and Public Life concentration list. Due to their broad content, REL 100 and REL 321 may count as either Religion, Culture and Public Life concentration courses, or as Outside Concentration courses, but each course will satisfy only ONE requirement, not both.
  - Students complete 15 credits of courses in Related Areas, at least nine of which must be upper-division.

Hide Course List(s)/Track Group(s)

| Religion, Culture and Public Life Courses | REL Outside Concentration Courses | Related Area Courses |
|---|---|---|
| REL 100: Religions of the World (HU & G) | Any REL course that is NOT listed in the Religion, Culture and Public Life concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both. | AFR OR AIS OR AMS OR APA OR APH OR ARS OR ASB OR GCU OR HPS OR HST OR HUL OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective |
| REL 200: Exploring the World's Religions ((L or HU) & G) | REL 100: Religions of the World (HU & G) | ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) |
| REL 202: Religion and Popular Culture (HU & C) | REL 321: Religion in America ((L or HU) & C & H) | ARB 335: Arabic Culture and Islam (G) |
| REL 205: Life, Sex and Death (HU) | | ARB 336: Introduction to the Qur'an (G) |
| REL 207: Ritual, Symbol, and Myth (L or HU) | | ARB 337: Hadith and Prophetic Tradition (HU & H & G) |
| REL 270: Introduction to Christianity (HU) | | |

REL 287: Topics in Film, Media, and Religion (HU & G)

REL 301: Comparative Mysticism (HU)

REL 310: Western Religious Traditions (HU & H)

REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)

REL 320: American Religious Traditions (HU & C & H)

REL 321: Religion in America ((L or HU) & C & H)

REL 323: African American Religion (HU & C)

REL 324: Spirituals and the Blues

REL 326: U.S. Latino Religion and Culture (HU & C)

REL 330: Native American Worldviews (HU & C)

REL 343: Daoism ((L or HU) & G & H)

REL 346: Chinese Religions

REL 350: Hinduism ((L or HU) & G)

REL 351: Buddhism ((L or HU) & G)

REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G)

REL 365: Islamic Civilization (HU & H)

REL 371: New Testament (HU)

REL 372: Formation of the Christian Tradition (HU & H)

REL 382: Magick, Religion and Science (L or HU)

REL 383: Religion and Sports (HU)

REL 390: Women, Gender and Religion (HU & G)

REL 393: Religion and Sex (HU)

ARB 341: Quran Text and Women (HU & H)

ARB 351: Classical Arabic Literature (HU & G)

ARB 352: Modern Arabic Literature in Translation (HU & G)

BIO 312: Bioethics (HU)

BIO 315: Science, Values, and the Public or ENG 370: Science, Values, and the Public

BIO 318: History of Medicine (HU & H)

CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

ENG 315: Medieval Literature in Translation

ENG 333: American Ethnic Literature

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

GER 315: Germanic Mythology (HU & G)

HEB 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU)

HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)

HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)

HEB 375: Contemporary Culture of Israel (HU & G)

HEB 411: Judaism and the Beginnings of Christianity (HU & H)

Related Area Courses Continued

HON 171: The Human Event (L or HU)

HON 272: The Human Event ((L or HU) & H)

HON 370: History of Ideas

HON 379: Romantics, Victorians, and Moderns (HU & G)

IAS 430: Science and Religion (L or HU)

JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G)

JPN 333: Japanese Civilization from the Ice Age to Last Thursday

JPN 445: Readings in Modern Japanese Letters and Culture

JST Elective (not from JST 131, 132, 231, or 232)

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 354: Religions of Korea (HU)

KOR 375: Intercultural Communication in Korea or SLC 375: Intercultural Communication in Korea

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

POR 472: Luso-Brazilian Civilization (HU & G)

PSY 350: Social Psychology (SB)

SLC 142: Ancient Greek Civilization (HU & H) or GRK 142: Ancient Greek Civilization (HU & H)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SLC 361: Roman Religion (HU) or LAT 361: Roman Religion (HU)

SLC 362: Ancient Greek Religion or GRK 362: Ancient Greek Religion

SLC 444: Heroes, Ancient and Modern (L or HU) or GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and Modern (L or HU)

SLC 455: Berlin: Migration, Arts and Activism (G) or GER 455: Berlin: Migration, Arts and Activism (G)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

TCL 328: U.S. Latino Religion and Culture (HU & C)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.50 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Religious Studies (Religion, Culture and Public Life), BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LARELCPBA

**Accelerated options for this program are not currently available to ASU Online students.**

| **Term 1 - A 0 - 7 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| REL 101: Religion, Culture and Public Life (HU & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101 is not required of transfer students.<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 7 | | |

| **Term 1 - B 7 - 13 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Mathematics Placement Assessment score determines placement in mathematics course<br>• Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 2 - A 13 - 20 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| **Term 2 - B 20 - 27 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | |
|---|---|---|
| Religion, Culture and Public Life Concentration Course | 3 | C |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Maintain 2.50 GPA in REL course work. | | |
| Term hours subtotal: | 7 | |

- Please see Religion, Culture and Public Life course list below. Students complete 15 credit hours from the Religion, Culture and Public Life concentration as part of the Religious Studies major.
- If interested in law school, review the Pre-Law at ASU website.

| Term 3 - A 27 - 34 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| REL Outside Concentration Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 7 | | |

- Please see REL Outside Concentration Course list below.
- Explore opportunities to study abroad. Online students are eligible and encouraged to participate!

| Term 4 - A 41 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Religion, Culture and Public Life Concentration Course | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 7 | | |

- Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking.
- If interested in law school, make an appointment with the pre-law advisor.

| Term 4 - B 48 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

- Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.

| Term 5 - A 54 - 60 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| REL 307: Religion: Theory and Practice (L or HU) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 6 | | |

- REL 307 is typically offered only in the Fall semester.
- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.

| Term 5 - B 60 - 67 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, contact an academic advisor. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 67 - 73 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Religion, Culture and Public Life Concentration Course | 3 | C | • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 73 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division REL Outside Concentration Course | 3 | C | • If planning on law school, prepare to take the LSAT. |
| Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Religion, Culture and Public Life Concentration Course | 3 | C | • Explore graduate school opportunities. |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 85 - 91 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Course | 3 | C | • View career webinars offered by Career and Professional Development Services. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Religion, Culture and Public Life Concentration Course | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Related Area Course | 3 | C | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 97 - 103 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 103 - 109 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ REL 406: Religious Studies Capstone I | 1 | C | • REL 406 and REL 407 serve as the capstone courses for this major and are typically offered only in the Spring semester. |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 109 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ REL 407: Religious Studies Capstone II | 2 | C | • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 5 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Course | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| ★ Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 6 | | |

- 
  - Students complete 15 credit hours in the Religion, Culture and Public Life concentration, at least nine of which must be upper-division.
  - Students complete six credit hours in Outside Concentration REL courses, at least three of which must be upper-division. Outside Concentration courses include all REL courses that are not part of the Religion, Culture and Public Life concentration. Due to their broad content, REL 100 and REL 321 appear in both the Religion, Culture and Public Life and the Outside Concentration course lists. Students may use these courses to satisfy a concentration requirement OR an Outside Concentration requirement, but each course will apply toward only ONE requirement, not both.
  - Students complete 15 credits of courses in related areas, at least nine of which must be upper-division.
  - At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

| Religion, Culture and Public Life | REL Outside Concentration Courses | Related Area Courses |
|---|---|---|
| REL 100: Religions of the World (HU & G) | Any REL course that is NOT listed in the Religion, Culture and Public Life concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both. | AFR OR APA OR ARS OR ASB OR GCU OR HST OR JUS OR PHI OR POS OR SGS OR SOC OR WST Elective |
| REL 202: Religion and Popular Culture (HU & C) | REL 100: Religions of the World (HU & G) | ARB 335: Arabic Culture and Islam (G) |
| REL 205: Life, Sex and Death (HU) | REL 321: Religion in America ((L or HU) & C & H) | ARB 336: Introduction to the Qur'an (G) |
| REL 207: Ritual, Symbol, and Myth (L or HU) | | BIO 312: Bioethics (HU) |
| REL 301: Comparative Mysticism (HU) | | BIO 318: History of Medicine (HU & H) |
| REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) | | ENG 333: American Ethnic Literature |

REL 320: American Religious Traditions (HU & C & H)

REL 321: Religion in America ((L or HU) & C & H)

REL 323: African American Religion (HU & C)

REL 324: Spirituals and the Blues

REL 330: Native American Worldviews (HU & C)

REL 343: Daoism ((L or HU) & G & H)

REL 350: Hinduism ((L or HU) & G)

REL 351: Buddhism ((L or HU) & G)

REL 371: New Testament (HU)

REL 382: Magick, Religion and Science (L or HU)

REL 390: Women, Gender and Religion (HU & G)

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

PSY 350: Social Psychology (SB)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.50 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Religious Studies (Religion, Politics and Global Affairs), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LARELPGBA

**Accelerated options for this program are not currently available to ASU Online students.**

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| REL 101: Religion, Culture and Public Life (HU & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.<br>• Select your Career Interest Communities and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 2 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • See Religion, Politics and Global Affairs course list below. Students complete 15 credit hours from the Religion, Politics and Global Affairs concentration as part of the Religious Studies major.<br>• Join a student club or professional organization.<br>• If interested in law school, review the Pre-Law at ASU website. |
| Religion, Politics and Global Affairs Concentration Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Related Area Course | 3 | C | |
| REL Outside Concentration Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 16 | | |

- Outside Concentration courses include any REL courses that are not listed in the Religion, Politics and Global Affairs concentration. REL 100 and REL 321 may count as either Religion, Politics and Global Affairs concentration courses, or as Outside Concentration courses, but not both.
- Please see list of Related Area courses below.
- Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.
- Explore opportunities to study abroad.

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Religion, Politics and Global Affairs Concentration Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 14 | | |

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.
- If interested in law school, make an appointment with the pre-law advisor.

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| REL 307: Religion: Theory and Practice (L or HU) | 3 | C | |
| Upper Division Religion, Politics and Global Affairs Concentration Course | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 15 | | |

- REL 307 is typically offered only in the Fall semester.
- Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.
- Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Religion, Politics and Global Affairs Concentration Course | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Upper Division REL Outside Concentration Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR REL 484: Internship | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.50 GPA in REL. | | | |

- Upper Division Outside Concentration courses include any upper-division REL courses that are not listed in the Religion, Politics and Global Affairs concentration. REL 321 may count as either a Religion, Politics and Global Affairs concentration course, or as an Outside Concentration course, but not both.
- Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
- Explore graduate school opportunities.

| | | |
|---|---|---|
| Term hours subtotal: | 15 | |

- If planning on law school, prepare to take the LSAT.

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Religion, Politics and Global Affairs Concentration Course | 3 | C | • Use Handshake to research employment opportunities.<br>• Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| Upper Division Related Area Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| REL 405: Problems in Religious Studies OR REL 406: Religious Studies Capstone I AND REL 407: Religious Studies Capstone II | 3 | C | • REL 405 serves as the capstone course for this major and is typically offered only in the Spring semester. REL 405 is for on-campus students while REL 406 and 407 are for ASU Online students.<br>• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.<br>• Apply for full-time career opportunities. |
| Upper Division Related Area Course | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 15 | | |

- Students complete 15 credit hours in the Religion, Politics and Global Affairs concentration, at least nine of which must be upper-division.
- Students complete six credits of Outside Concentration REL courses, at least three of which must be upper-division. The Outside Concentration courses are any REL courses **not** in the Religion, Politics and Global Affairs concentration list. Due to their broad content, REL 100 and REL 321 may count as either Religion, Politics and Global Affairs concentration courses, or as Outside Concentration courses, but each course will satisfy only **one** requirement, not both.
- Students complete 15 credits of courses in Related Areas, at least nine of which must be upper-division.
- At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

| Religion, Politics and Global Affairs | REL Outside Concentration Courses | Related Area |
|---|---|---|
| REL 100: Religions of the World (HU & G) | Any REL course that is **not** listed in the Religion, Politics and Global Affairs concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both. | AFR OR AIS OR AMS OR APA OR APH OR ARS OR ASB OR GCU OR HPS OR HST OR HUL OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective |
| REL 107: Religion and Globalization (HU & G) | REL 100: Religions of the World (HU & G) | ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) |
| REL 201: Religion and the Modern World (L or HU) | REL 321: Religion in America ((L or HU) & C & H) | ARB 335: Arabic Culture and Islam (G) |
| REL 225: African American Religion (HU & C) | | ARB 336: Introduction to the Qur'an (G) |
| REL 319: Religion, Violence and America | | |

REL 321: Religion in America ((L or HU) & C & H)

REL 347: Religions of India: Peace and Conflict ((L or HU) & G)

REL 349: Nature, Sustainability and Religion

REL 352: Modern Buddhism

REL 354: Religions of Korea (HU)

REL 362: Islam and Islamic Societies in Africa: Social and Political History (G)

REL 363: Islam and World Affairs (G)

REL 364: Islam in Eurasia and Central Asia

REL 366: Islam in the Modern World (HU & G)

REL 374: Witchcraft and Heresy in Europe ((L or HU) & H)

REL 377: Religion in Russia (HU & H)

REL 378: Religion, War and Peace (L)

REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)

REL 381: Religion and Moral Issues (L or HU)

REL 387: Religion and Conflict: Theories and Cases ((L or HU) & G)

REL 388: Religion, Ethics, and International Politics

REL 420: Religion in American Life and Thought (HU)

REL 461: Different Voices Within Contemporary Islamic Discourse

ARB 337: Hadith and Prophetic Tradition (HU & H & G)

ARB 341: Quran Text and Women (HU & H)

ARB 351: Classical Arabic Literature (HU & G)

ARB 352: Modern Arabic Literature in Translation (HU & G)

BIO 312: Bioethics (HU)

BIO 315: Science, Values, and the Public or ENG 370: Science, Values, and the Public

BIO 318: History of Medicine (HU & H)

CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

ENG 315: Medieval Literature in Translation

ENG 333: American Ethnic Literature

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

GER 315: Germanic Mythology (HU & G)

HEB 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU)

HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)

HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)

HEB 375: Contemporary Culture of Israel (HU & G)

HEB 411: Judaism and the Beginnings of Christianity (HU & H)

HON 171: The Human Event (L or HU)

HON 272: The Human Event ((L or HU) & H)

HON 370: History of Ideas

HON 379: Romantics, Victorians, and Moderns (HU & G)

IAS 430: Science and Religion (L or HU)

JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G)

JPN 333: Japanese Civilization from the Ice Age to Last Thursday

JPN 445: Readings in Modern Japanese Letters and Culture

JST Elective (not from JST 131, 132, 231, or 232)

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 354: Religions of Korea (HU)

KOR 375: Intercultural Communication in Korea or SLC 375: Intercultural Communication in Korea

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

POR 472: Luso-Brazilian Civilization (HU & G)

PSY 350: Social Psychology (SB)

SLC 142: Ancient Greek Civilization (HU & H) or GRK 142: Ancient Greek Civilization (HU & H)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SLC 361: Roman Religion (HU) or LAT 361: Roman Religion (HU)

SLC 362: Ancient Greek Religion or GRK 362: Ancient Greek Religion

SLC 444: Heroes, Ancient and Modern (L or HU) or GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and Modern (L or HU)

SLC 455: Berlin: Migration, Arts and Activism (G) or GER 455: Berlin: Migration, Arts and Activism (G)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

TCL 328: U.S. Latino Religion and Culture (HU & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.50 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Religious Studies (Religion, Politics and Global Affairs), BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LARELPGBA

**Accelerated options for this program are not currently available to ASU Online students.**

| **Term 1 - A 0 - 7 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| REL 101: Religion, Culture and Public Life (HU & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101 is not required of transfer students.<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 7 | | |

| **Term 1 - B 7 - 13 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 2 - A 13 - 20 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| **Term 2 - B 20 - 27 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Religion, Politics and Global Affairs Concentration Course | 3 | C | |

| | | | |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • See Religion, Politics and Global Affairs course list below. Students complete 15 credit hours from the Religion, Politics and Global Affairs concentration as part of the major.<br>• If interested in law school, review the Pre-Law at ASU website. |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 34 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| REL Outside Concentration Course | 3 | C | • Please see REL Outside Concentration Course list below.<br>• Explore opportunities to study abroad. Online students are eligible and encouraged to participate! |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 41 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Religion, Politics and Global Affairs Concentration Course | 3 | C | • Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking.<br>• If interested in law school, make an appointment with the pre-law advisor. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 48 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 54 - 60 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| REL 307: Religion: Theory and Practice (L or HU) | 3 | C | • REL 307 is typically offered only in the Fall semester.<br>• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 60 - 67 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| Related Area Course | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Term hours subtotal: | 7 | |

| Term 6 - A 67 - 73 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Religion, Politics and Global Affairs Concentration Course | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 73 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division REL Outside Concentration Course | 3 | C | • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, contact an academic advisor.<br>• If planning on law school, prepare to take the LSAT. |
| Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Religion, Politics and Global Affairs Concentration Course | 3 | C | • Explore graduate school opportunities.<br>• Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies. |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 85 - 91 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Course | 3 | C | • View career webinars offered by Career and Professional Development Services. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Religion, Politics and Global Affairs Concentration Course | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Related Area Course | 3 | C | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 97 - 103 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 103 - 109 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ REL 406: Religious Studies Capstone I | 1 | C | • REL 406 and REL 407 serve as the capstone courses for this major and are typically offered only in the Spring semester. |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 6 | | |

| **Term 9 - B 109 - 114 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ REL 407: Religious Studies Capstone II | 2 | C | • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 5 | | |

| **Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Upper Division Related Area Course | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| ★ Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 6 | | |

- 
  - Students complete 15 credit hours in the Religion, Politics and Global Affairs concentration, at least nine of which must be upper-division.
  - Students complete six credits of Outside Concentration REL courses, at least three of which must be upper-division. The Outside Concentration courses are any REL courses **not** in the Religion, Politics and Global Affairs concentration list. Due to their broad content, REL 100 and REL 321 may count as either Religion, Politics and Global Affairs concentration courses, or as Outside Concentration courses, but each course will satisfy only **one** requirement, not both.
  - Students complete 15 credits of courses in Related Areas, at least nine of which must be upper-division.
  - At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

| Religion, Politics and Global Affairs | REL Outside Concentration Courses | Related Area |
|---|---|---|
| REL 100: Religions of the World (HU & G) | Any REL course that is **not** listed in the Religion, Politics and Global Affairs concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both. | AFR OR APA OR ARS OR ASB OR GCU OR HST OR JUS OR PHI OR POS OR SGS OR SOC OR WST Elective |
| REL 107: Religion and Globalization (HU & G) | REL 100: Religions of the World (HU & G) | ARB 335: Arabic Culture and Islam (G) |
| REL 201: Religion and the Modern World (L or HU) | REL 321: Religion in America ((L or HU) & C & H) | ARB 336: Introduction to the Qur'an (G) |
| REL 321: Religion in America ((L or HU) & C & H) | | BIO 312: Bioethics (HU) |
| REL 366: Islam in the Modern World (HU & G) | | BIO 318: History of Medicine (HU & H) |
| REL 374: Witchcraft and Heresy in Europe ((L or HU) & H) | | ENG 333: American Ethnic Literature |
| | | ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |

REL 381: Religion and Moral Issues (L or HU)

REL 388: Religion, Ethics, and International Politics

REL 420: Religion in American Life and Thought (HU)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

PSY 350: Social Psychology (SB)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.50 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Russian, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LARUSBA

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.<br>• Engage in Russian at ASU. Practice your language skills at the SILC Cafe.<br>• Play me3@ASU and set up your Handshake account. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| RUS 101: Elementary Russian I | 5 | C | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Meet with a School of International Letters and Cultures Russian faculty member or academic advisor to discuss the best study abroad options for your major.<br>• Attend a Financing Your Study Abroad Program Workshop. |
| RUS 102: Elementary Russian II | 5 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| RUS 211: Basic Russian Conversation I (G) | 3 | C | • Explore your career interest area. |
| RUS 201: Intermediate Russian I (G) | 5 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Maintain 2.33 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| RUS 212: Basic Russian Conversation II (G) | 3 | C | • Meet with your academic advisor to explore internship and career opportunities in the U.S. State Department and Foreign Affairs.<br>• Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• Learn about internships, scholarships and awards for language and culture majors.<br>• Learn about research opportunities with the ASU Humanities Lab.<br>• Heritage speakers of Russian may take RUS 295 Russian for Heritage Speakers, a three credit course equivalent to RUS 202. |
| SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C | |
| RUS 202: Intermediate Russian II (G) | 5 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| RUS 311: Russian Composition and Conversation I (G) | 3 | C | • Explore opportunities working for the Peace Corps. |
| Upper Division RUS Elective | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| RUS 312: Russian Composition and Conversation II (G) | 3 | C | • Plan ahead. Learn about national scholarship, fellowship and research opportunities.<br>• Attend an ASU Career Services workshop . |
| SLV 304: Digital Humanities for Language Majors (CS) OR SLV 440: History of Slavic Languages (SB) | 3 | C | |
| Upper Division Restricted Electives | 3 | C | |
| Related Area Course | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| RUS 411: Advanced Composition and Conversation I (G) OR RUS 412: Advanced Composition and Conversation II (G) | 3 | C | • Develop your skills. |
| Upper Division Restricted Electives | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|---|---|---|---|

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ RUS 430: Russian Short Story (L or HU) | 3 | C | • Attend a Career Services workshop or career fair. |
| ★ 4** SLC Required Culture Course | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- SLC 400-level language and/or translation courses may not be used to satisfy the SLC 400-Level Required Course.

Hide Course List(s)/Track Group(s)

| Related Area Course |
|---|
| GCU 426: Geography of Russia and Surroundings (SB & G) |
| HST 354: Revolutionary Europe (SB & H) |
| HST 355: Total War and the Crisis of Modernity (SB & G & H) |
| HST 356: Europe since 1945 (SB & G & H) |
| HST 370: Eastern Europe in Transition (SB & G & H) |
| HST 432: Eastern Europe the Balkans, 20th Century (G & H) |
| HST 435: The Russian Empire (SB & H) |
| HST 436: Rise & Fall of Soviet Communism (SB & G & H) |
| MHL 363: Survey of Russian Music (HU) |
| POS 360: World Politics (SB & G) |
| POS 467: International Security (SB & G) |
| POS 486: International Political Economy (SB & G) |
| SLC 340: Approaches to International Cinema (HU & G) |
| SLV Upper Division Elective |

| Upper Division RUS Elective |
|---|
| RUS 394: Special Topics |
| RUS 421: Pushkin (L or HU) |
| RUS 425: Chekhov and Russian Drama (L or HU) |
| RUS 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU) |
| RUS 440: Russian Mass Media (G) |
| RUS 493: Honors Thesis (L) |
| RUS 494: Special Topics |
| RUS 499: Individualized Instruction |

| 400-Level SLC Required Culture Course |
|---|
| SLC 414: French and Italian Popular Culture ((L or HU) & G) |
| SLC 415: Korean Popular Culture (HU & G) |
| SLC 421: Ghosts, Monsters, and Supernatural in Jpn Lit&Film ((L or HU) & G) |
| SLC 421: Japanese Aesthetics ((L or HU) & G) |
| SLC 421: Japanese Film and Animation, 1945-present ((L or HU) & G) |
| SLC 421: Japanese Literature in Translation ((L or HU) & G) |
| SLC 421: Samurai and Geisha ((L or HU) & G) |
| SLC 421: Travel and Exploration in Early Modern Japan ((L or HU) & G) |
| SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) |
| SLC 425: Globalization: From Colonialism to Climate Change (HU & G) |
| SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) |
| SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU) |
| SLC 440: Approaches to Film Theory |
| SLC 441: Fairy Tales (HU & G) |
| SLC 442: Dracula and Vampire Lore ((L or HU) & G & H) |
| SLC 444: Heroes, Ancient and Modern (L or HU) |
| SLC 445: The Holocaust in German-Mediated Memory |

| |
|---|
| SLC 446: Weimar-Era German Film |
| SLC 447: German Modernism |
| SLC 450: Experimental Narrative (HU) |
| SLC 451: Chinese Cultural History I ((HU or SB) & H) |
| SLC 452: Chinese Cultural History II (SB & G & H) |
| SLC 455: Berlin: Migration, Arts and Activism (G) |
| SLC 457: Premodern Korea in a Global Context (HU) |
| SLC 459: Latin American Jewish Culture |
| SLC 465: Intercultural Communicative Competence |
| SLC 475: Latin American Film ((L or HU) & G) |
| SLC 494: Special Topics |

| Upper Division Restricted Electives |
|---|
| RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) |
| RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) |
| RUS 421: Pushkin (L or HU) |
| RUS 425: Chekhov and Russian Drama (L or HU) |
| RUS 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sociology, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASOCBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select a career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 241: Modern Social Problems (SB) OR SOC 264: Gender and Society (SB & C) OR SOC 270: Racial and Ethnic Relations (SB & C) | 3 | C | • Network in your career interest area |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Additional Related Area Course AND Social-Behavioral Sciences (SB) | 3 | C | • Explore an internship |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Natural Science - Quantitative (SQ) OR Natural Science - General (SG) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 390: Social Statistics I (CS) | 3 | C | |
| Additional Related Area Course AND Social-Behavioral Sciences (SB) | 3 | C | |
| Science and Society Elective | 3 | C | |
| SOC Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 391: Research Methods (L or SB) OR FAS 361: Research Methods (L or SB) | 3 | C | • Use Handshake to research employment opportunities |
| Upper Division Science and Society Elective | 3 | C | |
| SOC Upper Division Elective | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 483: History of Social Thought (SB) OR SOC 486: Contemporary Theory (SB) | 3 | C | • Gather professional references |
| Related Area Course | 3 | C | |
| SOC Upper Division Elective | 3 | C | |
| Upper Division Elective OR SOC 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC Upper Division Elective | 3 | C | • Apply for full-time career opportunities |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Students choose nine credit hours from the related area subjects below. The additional six credit hours of related area work may be from any subject but must also carry the "SB" General Studies designation.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
| --- |
| AFR OR APA OR ASB OR CDE OR ECN OR FAS OR GCU OR HST OR POS OR PSY OR SOC OR TCL OR WST Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Sociology, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LASOCBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students.<br>• Select your Career Interest Communities and play me3@ASU. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 241: Modern Social Problems (SB) OR SOC 264: Gender and Society (SB & C) OR SOC 270: Racial and Ethnic Relations (SB & C) | 3 | | • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Additional Related Area Course AND Social-Behavioral Sciences (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Develop your skills |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Additional Related Area Course AND Social-Behavioral Sciences (SB) | 3 | C | • Related Area Course cannot be from SOC courses. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 390: Social Statistics I (CS) | 3 | C | |
| SOC Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | • Develop your professional online presence |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Science and Society Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 391: Research Methods (L or SB) OR FAS 361: Research Methods (L or SB) | 3 | C | |
| Elective | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SOC Upper Division Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SOC 483: History of Social Thought (SB) | 3 | C | • Use Handshake to research employment opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SOC Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SOC Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Elective | 3 | | • Apply for full-time career opportunities |
| Term hours subtotal: | 3 | | |

- 
  - All students pursuing a BS or BSP in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count toward any major, minor, related fields, and ASU General Studies requirements.
  - Students choose nine credit hours from the related area subjects below. The additional six credit hours of related area work may be from any subjects but must also carry the "SB" General Studies designation.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR APA OR ASB OR CDE OR ECN OR FAS OR GCU OR HST OR POS OR PSY OR SOC OR TCL OR WST Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Spanish - Linguistics, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASPABA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Only true beginners are eligible to take SPA 101 and are required to take a Spanish Placement Test.<br>• Learn about Spanish Language Intensive Courses.<br>• Engage in Spanish at ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| SPA 111: Fundamentals of Spanish OR SPA 110: Intensive Spanish I (G) | 4-6 | C | |
| Elective | 3 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-16 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Start planning to study abroad. Learn about Global Intensive Experience and/or faculty-directed summer programs in Argentina, Brazil, Cuba, Mexico, and Leon or Sevilla, Spain, offered through ASU Study Abroad and the School of International Letters and Cultures (SILC).<br>• Attend a Financing Your Study Abroad Workshop.<br>• Spanish offers a huge advantage if you are interested in working in the Peace Corps.<br>• Students who have earned credit for SPA 102, SPA 110, or SPA 111 may opt to take SPA 210 Intensive Spanish II in Term 2.<br>• Select your Career Interest Communities and play me3@ASU. |
| SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (G) | 4-6 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16-18 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (G) | 4 | C | • Meet with a School of International Letters and Cultures academic advisor to discuss internships and scholarships and awards for language and culture majors. |
| Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:* | | | |

| | | |
|---|---|---|
| Elective | 6 | |
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 14 | |

- Upper-Division SPA course requirements for this major offered in subsequent terms have L, CS, HU, SB, C, G, and H designations that may be applied to University General Studies and Awareness Area requirements for the degree.

| **Term 4 44 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C | • Proficiency in Spanish and/or Portuguese offers an advantage to those who are interested in U.S. State Department careers . |
| SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | • Learn about research opportunities through the ASU Humanities Lab. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C) | 3 | C | • Enroll in listed courses or meet with a SILC academic advisor to discuss the best study abroad options for your major. |
| POR 101: Elementary Portuguese I (G) OR POR 320: Portuguese for Spanish Speakers I | 3-4 | C | • Explore your career interest area with your academic advisor. |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15-16 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| POR 102: Elementary Portuguese II (G) OR POR 321: Portuguese for Spanish Speakers II | 3-4 | C | • Learn about national scholarships, fellowships and research opportunities. |
| SPA 400: Fundamentals of Spanish Linguistics (SB & G) | 3 | C | • Many upper division elective courses have prerequisites which may be taken as electives in earlier semesters. |
| SPA 412: Advanced Conversation and Composition (G) | 3 | C | • Use Handshake to research employment opportunities. |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| SPA 418: Architecture of Spanish | 3 | C | • Develop your skills. |
| SPA 420: Applied Spanish Linguistics (L) | 3 | C | |
| Upper Division SPA Elective | 3 | C | |
| Upper Division Elective OR SPA 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SPA 417: The Sounds of Spanish (CS or SB) | 3 | C | • Attend an ASU Career Services Workshop or Career Fair. |
| ★ SPA 419: Spanish Around the World (CS & C) | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Upper Division SPA Electives

- SPA 319: Business Correspondence and Communication (G)
- SPA 325: Introduction to Hispanic Literature (HU)
- SPA 385: Cinema and Culture of Spain (HU)
- SPA 394: Advanced Mayan Culture
- SPA 394: Angels or Devils: Women Rebels
- SPA 394: Business Spanish
- SPA 394: Hispanidades: Documenting Local Culture
- SPA 394: Human Rights in Argentina
- SPA 394: Latin American Political & Cultural Thought
- SPA 394: Transcultural Connections
- SPA 413: Spanish Grammar in Context (G)
- SPA 421: Spanish in the Southwest (C)
- SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)
- SPA 426: Literature and Society in Modern Spain (HU)
- SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)
- SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)
- SPA 429: Writing Mexico: Major Texts ((L or HU) & G)
- SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)
- SPA 470: Law, Societies and Justice in Latino-America (SB & G)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G)

SPA 475: Latin American Film ((L or HU) & G)

SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 484: Internship

SPA 492: Honors Directed Study

SPA 493: Honors Thesis (L)

SPA 494: Ancient and Modern Mayan Culture

SPA 494: Chicano cancionero and narco-corridos

SPA 494: Chicano/Chicana Film

SPA 494: Chicano/Chicana Literatura Infantil

SPA 494: Consumer Culture in Latin America

SPA 494: Ecocritical Approaches Latin Am Cultural Productn

SPA 494: Film, Literature in Leon&Barcelona, Spain

SPA 494: History of the Spanish Language

SPA 494: Latin American Graphic Narrative

SPA 494: Latin American Photography and Human Rights

SPA 494: Latin American Queer Cultures

SPA 494: Mass Media from Spain &the Global Media in Spanish

SPA 494: Mexican-American Cinema

SPA 494: Pirates, Travelers and Renegados

SPA 494: Spanish Culture through Selfies

SPA 494: Why is the Amazon Burning?

**Notes:**

-

    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Spanish - Literature and Culture, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LASPABA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first year students.<br>• Only true beginners are eligible to take SPA 101 and are required to request a permission override to register for this course. Students who have had previous experience in Spanish are required to take a Spanish Placement Test.<br>• Learn about Spanish Language Intensive Courses.<br>• SPA 101 and 102 or SPA 110 may be substituted for SPA 111.<br>• Engage in Spanish at ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| SPA 111: Fundamentals of Spanish | 4 | C | |
| Elective | 3 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Start to plan your study abroad experience. Learn about faculty-directed Global Intensive Experience and summer abroad programs in Argentina, Brazil, Costa Rica, Mexico, and Leon or Sevilla, Spain, offered through the ASU Study Abroad Office and the School of International Letters and Cultures.<br>• Attend a Financing Your Study Abroad Workshop.<br>• Students may opt to take SPA 210 Intensive Spanish II, a six credit course equivalent to SPA 201 and SPA 202 in term 2.<br>• Activate your Handshake account and build out your profile. |
| SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (G) | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (G) | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |

| | | |
|---|---|---|
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 14 | |

- Meet with a School of International Letters and Cultures academic advisor to discuss internships and scholarships and awards for language and culture majors.
- Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.
- Learn about research opportunities through the Humanities Lab.
- Select your Career Interest Communities and play me3@ASU.

| **Term 4 44 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C |
| SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C) | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Elective | 3 | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 16 | |

- Proficiency in Spanish and/or Portuguese is a great advantage to those who wish to pursue a career with the U.S. Department of State or the Peace Corps.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C) | 3 | C |
| POR 101: Elementary Portuguese I (G) OR POR 320: Portuguese for Spanish Speakers I | 3-4 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| *Complete 2 courses:* Elective | 6 | |
| Term hours subtotal: | 15-16 | |

- Enroll in listed courses or meet with a SILC academic advisor to discuss the best study abroad options for your major.
- Explore your career interest area with your academic advisor.

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| SPA 325: Introduction to Hispanic Literature (HU) | 3 | C |
| SPA 412: Advanced Conversation and Composition (G) | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| *Complete 2 courses:* Elective | 6 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

- Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.
- Learn about national scholarships, fellowships and research opportunities.

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** |
|---|---|---|
| 4** Spanish Culture Course | 3 | C |
| 4** Spanish Literature Course | 3 | C |
| Upper Division Spanish Literature and Culture Electives | 3 | C |

- Develop your skills.

| | | |
|---|---|---|
| SPA Upper Division Elective | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ 4** Spanish Literature Course | 3 | C | • Attend an ASU Career Services Workshop or Career Fair. |
| Upper Division Spanish Literature and Culture Electives | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- Students in the Spanish BA literature concentration must choose two upper-division courses (six credit hours) of Spanish literature electives from a single regional option. Regional options include Latin American, Mexican American and Peninsular literature.

Hide Course List(s)/Track Group(s)

| 400-Level Spanish Literature Course | Upper Division Spanish Literature and Culture Electives | 400-Level Spanish Culture Course |
|---|---|---|
| SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU) | SPA 385: Cinema and Culture of Spain (HU) | SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) |
| SPA 426: Literature and Society in Modern Spain (HU) | SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU) | SPA 472: Latin American Society: Five Case Studies (HU & H & G) |
| SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) | SPA 426: Literature and Society in Modern Spain (HU) | SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) |
| SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) | SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) | SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) |
| SPA 429: Writing Mexico: Major Texts ((L or HU) & G) | SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) | |
| SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C) | SPA 429: Writing Mexico: Major Texts ((L or HU) & G) | |
| SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C) | SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C) | |
| SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala | SPA 470: Law, Societies and Justice in Latino-America (SB & G) | |
| | SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) | |
| | SPA 472: Latin American Society: Five Case Studies (HU & H & G) | |
| | SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) | |
| | SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) | |

SPA 475: Latin American Film ((L or HU) & G)

SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 494: Ancient and Modern Mayan Culture

SPA 494: Chicano cancionero and narco-corridos

SPA 494: Chicano/Chicana Film

SPA 494: Chicano/Chicana Literatura Infantil

SPA 494: Consumer Culture in Latin America

SPA 494: Ecocritical Approaches Latin Am Cultural Productn

SPA 494: Film, Literature in Leon&Barcelona, Spain

SPA 494: History of the Spanish Language

SPA 494: Latin American Graphic Narrative

SPA 494: Latin American Photography and Human Rights

SPA 494: Latin American Queer Cultures

SPA 494: Mass Media from Spain &the Global Media in Spanish

SPA 494: Mexican-American Cinema

SPA 494: Pirates, Travelers and Renegados

SPA 494: Spanish Culture through Selfies

SPA 494: Why is the Amazon Burning?

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Spanish, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LASPABA

| Term 1 - A 0 - 8 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Only true beginners are eligible to take SPA 101 and are required to take a Spanish Placement Test. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SPA 101: Elementary Spanish I | 4 | C | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 8 | | |

| Term 1 - B 8 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Take advantage of online tutoring.<br>• Utilize ASU libraries.<br>• View ASU Online first-year student registration information here.<br>• Select your Career Interest Communities and play me3@ASU. |
| SPA 102: Elementary Spanish II | 4 | C | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 15 - 22 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • Start to plan your study abroad experience. Learn about Global Intensive Experiences and summer abroad programs in Argentina, Brazil, Costa Rica, Mexico, and in Leon or Sevilla, Spain offered through ASU Study Abroad and the School of International Letters and Cultures .<br>• Schedule an appointment with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. |
| SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (G) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (G) | 4 | C | • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. |

| | | |
|---|---|---|
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 7 | |

| Term 3 - A 29 - 35 Credit Hours Critical course signified by ! Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Introduction to Literary and Cultural Theory (HU & G) | 3 | C | • Develop your skills. |
| ! SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 35 - 41 Credit Hours Critical course signified by ! | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ! SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| ! Complete First-Year Composition requirement. | | | |
| ! Complete Mathematics (MA) requirement. | | | |
| ! Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 41 - 48 Credit Hours Critical course signified by ! | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ! SPA 325: Introduction to Hispanic Literature (HU) | 3 | C | • Connect with ASU Online Career and Professional Development Services. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 48 - 54 Credit Hours Critical course signified by ! | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ! SPA 412: Advanced Conversation and Composition (G) | 3 | C | |
| Elective | 3 | | |
| ! Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 54 - 61 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Major Electives | 3 | C | • Create a first draft resume. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 61 - 67 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SPA 400: Fundamentals of Spanish Linguistics (SB & G) | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 67 - 73 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ 4** Spanish Literature | 3 | C | • Use Handshake to research employment opportunities. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 73 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Earn credit toward your Spanish major abroad. Learn about your study abroad options.<br>• Explore an internship. |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ 4** SPA Culture or Linguistics Course | 3 | C | • Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 85 - 91 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | • Develop your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Spanish Literature, Linguistics and Culture Electives | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 97 - 103 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division Spanish Literature, Linguistics and Culture Electives | 3 | C | • Complete an in person or virtual practice interview. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 103 - 109 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Gather professional references. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 109 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ POR 101: Elementary Portuguese I (G) OR POR 320: Portuguese for Spanish Speakers I | 3-4 | C | • Three credit hours of POR 101 will be applied to the Spanish major requirements. The remaining one credit hour from POR 101 will be applied toward the 120 total credit hours required for graduation.<br>• Learn about ways to build skills. |
| Elective | 2 | | |
| Term hours subtotal: | 5-6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by | Hours | Minimum | Notes |
|---|---|---|---|

| | | Grade | |
|---|---|---|---|
| ★ Upper Division Spanish Literature, Linguistics and Culture Electives | 3 | C | • Attend a virtual career and internship fair event. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

| 400-Level Spanish Literature | Upper Division Major Electives | 400-Level SPA Culture or Linguistics Course |
|---|---|---|
| SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU) | SPA 319: Business Correspondence and Communication (G) | SPA 417: The Sounds of Spanish (CS or SB) |
| SPA 426: Literature and Society in Modern Spain (HU) | SPA 394: Special Topics | SPA 418: Architecture of Spanish |
| SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) | SPA 413: Spanish Grammar in Context (G) | SPA 419: Spanish Around the World (CS & C) |
| SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) | SPA 414: Spanish for Sustainability and Environmental Studies | SPA 420: Applied Spanish Linguistics (L) |
| SPA 429: Writing Mexico: Major Texts ((L or HU) & G) | SPA 417: The Sounds of Spanish (CS or SB) | SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) |
| SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C) | SPA 418: Architecture of Spanish | SPA 472: Latin American Society: Five Case Studies (HU & H & G) |
| SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala | SPA 419: Spanish Around the World (CS & C) | SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) |
| SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C) | SPA 420: Applied Spanish Linguistics (L) | |
| | SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU) | |
| | SPA 426: Literature and Society in Modern Spain (HU) | |
| | SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) | |
| | SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) | |
| | SPA 429: Writing Mexico: Major Texts ((L or HU) & G) | |
| | SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C) | |
| | SPA 470: Law, Societies and Justice in Latino-America (SB & G) | |
| | SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) | |
| | SPA 472: Latin American Society: Five Case Studies (HU & H & G) | |
| | SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) | |
| | SPA 484: Internship | |

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)

SPA 494: Advanced Spanish for Healthcare

SPA 494: Spanish with a Legal Focus

Upper Division Spanish Literature, Linguistics and Culture Electives

SPA 394: Special Topics

SPA 417: The Sounds of Spanish (CS or SB)

SPA 418: Architecture of Spanish

SPA 419: Spanish Around the World (CS & C)

SPA 420: Applied Spanish Linguistics (L)

SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)

SPA 426: Literature and Society in Modern Spain (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)

SPA 470: Law, Societies and Justice in Latino-America (SB & G)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Technological Leadership, BS

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LATECLDRBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Design Pathway Track: complete HDA 296; Spaceworks Pathway Track: complete SES 307; Combination Pathway 1 Track and 2 Track: complete either HDA 296 or AME 240.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest areas and play me3@ASU |
| HDA 296: Creative Futures: Studio OR AME 240: Introduction to Physical Computing OR SES 307: Space Works I | 3 | C | |
| IPI 296: Inquiry | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Design Pathway Track: complete HDA 296; Spaceworks Pathway Track: complete SES 307; Combination Pathway 1 Track and 2 Track: complete HDA 296 or AME 240 not taken in Term 1.<br>• Students who complete ENG 105 in Term 1 should complete ENG 215 or ENG 216 to complete one of the two "L" General Studies requirements.<br>• Create a first draft resume |
| HDA 296: Creative Futures: Studio OR AME 240: Introduction to Physical Computing OR SES 307: Space Works I | 3 | C | |
| IPI 296: Inquiry OR HUL 250: Introduction to Interdisciplinary Research (HU) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s) | 0 | | |
| Term hours subtotal: | 16 | | |

| Summer 2 32 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IPI 484: Internship | 6 | Y | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 12 |

| Term 3 44 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IPI 496: Advanced Inquiry | 3 | C | • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407; Combination Pathway 1 Track: complete HDA 496; Combination Pathway 2 Track: complete HDA 496 or AME 330 (AME 330 may only be taken one time).<br>• Develop your skills |
| AME 230: Programming for the Media Arts (CS) OR CSE 110: Principles of Programming (CS) | 3 | C | |
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test OR AME 330: Digital-Physical Systems | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement | 0 | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 18 | | |

| Term 4 62 - 78 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IPI 496: Advanced Inquiry | 3 | C | • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407; Combination Pathway 1 Track: complete HDA 496; Combination Pathway 2 Track: complete HDA 496 or AME 330 (AME 330 may only be taken one time).<br>• Explore an internship |
| COM 230: Small Group Communication (SB) | 3 | C | |
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test OR AME 330: Digital-Physical Systems | 3 | C | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 16 | | |

| Summer 4 78 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IPI 484: Internship | 6 | Y | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 5 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IPI 496: Advanced Inquiry | 3 | C | • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407; Combination Pathway 1 Track: complete HDA 496; Combination Pathway 2 Track: complete HDA 496 or AME 330 (AME 330 may only be taken one time).<br>• Develop your professional online presence<br>• Use Handshake to research employment opportunities |
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test OR AME 330: Digital-Physical Systems | 3 | C | |
| PSY 302: The Psychology of Positive Leadership | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s) | 0 | | |
| Term hours subtotal: | 15 | | |

| Term 6 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ IPI 496: Advanced Inquiry | 3 | C | • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407; Combination Pathway 1 Track: complete HDA 496; Combination Pathway 2 Track: complete HDA 496 or AME 330 (AME 330 may only be taken one time).<br>• Gather professional references |
| FIS 432: Problem Solving Through Strategic Thinking | 3 | C | |
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test OR AME 330: Digital-Physical Systems | 3 | C | |
| LSE 305: Conceptualizing Learning: Theories in Practice | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

- All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found atÂhttps://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses.ÂBoth Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Design Pathway Track |
|---|
| Students complete two semesters of: |
| HDA 296: Creative Futures: Studio |
| Students complete four semesters of: |
| HDA 496: Creative Futures: Advanced Studio |

| Spaceworks Pathway Track |
|---|
| Students complete two semesters of: |
| SES 307: Space Works I |
| Students complete four semesters of: |
| SES 407: Space Works II: Model, Fabricate and Test |

| Combination Pathway 1 Track |
|---|
| Students complete both: |
| HDA 296: Creative Futures: Studio |
| AME 240: Introduction to Physical Computing |
| Students complete four semesters of: |
| HDA 496: Creative Futures: Advanced Studio |

| Combination Pathway 2 Track |
|---|
| Students complete both: |
| HDA 296: Creative Futures: Studio |
| AME 240: Introduction to Physical Computing |
| Students complete three semesters of: |
| HDA 496: Creative Futures: Advanced Studio |
| Students complete: |
| AME 330: Digital-Physical Systems |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Technological Leadership, BS

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LATECLDRBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.<br>• Select your career interest area and play me3@ASU. |
| IPI 296: Inquiry | 3 | C | |
| ASU 101-LA: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HDA 296: Creative Futures: Studio OR SES 307: Space Works I | 3 | C | • View ASU Online first-year student registration information here.<br>• Design Pathway Track: complete HDA 296; Spaceworks Pathway Track: complete SES 307 |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Students will complete IPI 296 twice. |
| IPI 296: Inquiry | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 10 | | |

| Term 2 - B 26 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HDA 296: Creative Futures: Studio OR SES 307: Space Works I | 3 | C | • Students who complete ENG 105 in Term 1 should complete ENG 215 or ENG 216 to complete one of the two "L" General Studies requirements.<br>• Design Pathway Track: complete HDA 296; Spaceworks Pathway Track: complete SES 307.<br>• Create a first draft resume |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s) | 0 | | |
| Term hours subtotal: | 6 | | |

| Summer 2 32 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IPI 484: Internship | 6 | Y | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 3 - A 44 - 53 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IPI 496: Advanced Inquiry | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 53 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test | 3 | C | • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407<br>• Develop your skills |
| CSE 110: Principles of Programming (CS) | 3 | C | |
| Global Awareness (G) | 3 | | |
| Complete Mathematics (MA) requirement | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 9 | | |

| Term 4 - A 62 - 69 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IPI 496: Advanced Inquiry | 3 | C | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 69 - 78 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test | 3 | C | • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407<br>• Explore an internship |
| COM 230: Small Group Communication (SB) | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Summer 4 78 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IPI 484: Internship | 6 | Y | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 5 - A 90 - 99 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IPI 496: Advanced Inquiry | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 9 |

| Term 5 - B 99 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test | 3 | C | • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407<br>• Develop your professional online presence<br>• Use Handshake to research employment opportunities |
| PSY 302: The Psychology of Positive Leadership | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s) | 0 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 105 - 114 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| IPI 496: Advanced Inquiry | 3 | C | |
| FIS 432: Problem Solving Through Strategic Thinking | 3 | C | |
| LSE 305: Conceptualizing Learning: Theories in Practice | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 114 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test | 3 | C | • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407<br>• Gather professional references |
| Upper Division Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Design Pathway Track | Spaceworks Pathway Track |
|---|---|
| Students complete two semesters of: | Students complete two semesters of: |
| HDA 296: Creative Futures: Studio | SES 307: Space Works I |
| Students complete four semesters of: | Students complete four semesters of: |
| HDA 496: Creative Futures: Advanced Studio | SES 407: Space Works II: Model, Fabricate and Test |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LATCLMBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, unless CLEP or AP credit fulfills this requirement. Majors are expected to fulfill this requirement in Spanish<br>• Select your Career Interest Communities and play me3@ASU |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Activate your Handshake account and build out your profile<br>• Create a first draft resume |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| TCL Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | • Join a student club or professional organization<br>• Secure a part-time job or volunteer experience<br>• Explore opportunities to study abroad |
| TCL 220: Transborder Latina/o Expressive Culture ((L or HU or SB) & C) | 3 | C | |

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 14 | |

| **Term 4 44 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | • Completion of The College Second Language requirement is recommended by term 4<br>• Explore an internship<br>• Thinking about graduate school or law school? Consider registering for a grad school test prep course |
| Media and Expressive Culture Track Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | • Upper division Spanish course requirement for the major may be fulfilled by AP credit earned<br>• Develop your professional online presence |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| Media and Expressive Culture Track Course | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| Upper Division Elective OR TCL 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| TCL 304: Transborder Research Methods (SB & C) | 3 | C | • Use Handshake to research employment opportunities<br>• Complete an in person or virtual practice interview |
| Media and Expressive Culture Track Course | 3 | C | |
| TCL Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| TCL 305: Transborder Practicum and Field Research | 3 | C | • Gather professional references<br>• Attend career fairs, workshops, and related events offered by Career and Professional Development Services<br>• Apply for full-time career opportunities |
| Media and Expressive Culture Track Course | 3 | C | |
| TCL Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 498: Pro-Seminar | 3 | C | • Apply for full-time career opportunities |
| *Complete 4 courses:* Upper Division Elective | 12 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Media and Expressive Culture |
|---|
| TCL 211: Latinx Poetics (HU & C) |
| TCL 310: Folklore of the Southwest (HU & C) |
| TCL 328: U.S. Latino Religion and Culture (HU & C) |
| TCL 331: Mexican American History to 1900 (SB & H & C) |
| TCL 335: Historical Studies in Race, Crime, and the Law |
| TCL 350: Mexican and Chicana/o Artistic Production (HU & C & G) |
| TCL 351: Chicana/o and Latina/o Art (HU & C) |
| TCL 352: Chicana/o Film (C) |
| TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| TCL 370: Signs of Aliens: Semiotics of Film and Popular Culture (HU) |
| TCL 464: Latina/o Literature ((L or HU) & C) |
| TCL 471: Latinos In Hollywood (HU & C) |
| TCL 485: Chicana and Latina Writers ((L or HU) & C) |
| TCL 490: Transborder Queer Performativity (HU & C) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map
# Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location:
CSJMCBA

and

Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA

The College of Liberal Arts and Sciences
LATCLMBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 101: Grammar for Journalists | 1 | B- | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 201: News Reporting and Writing (L) | 3 | C | • Select your career interest communities and play me3@ASU<br>• Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |

| | | |
|---|---|---|
| JMC 305: Multimedia Journalism | 3 | C |
| STP 226: Elements of Statistics (CS) | 3 | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| **Term 3 32 - 48 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| TCL 220: Transborder Latina/o Expressive Culture ((L or HU or SB) & C) | 3 | C | |
| JMC 301: Intermediate Reporting and Writing (L) | 3 | C | |
| JMC 366: Journalism Ethics and Diversity | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 48 - 65 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | • Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement.<br>• Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation.. | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| **Term 5 65 - 81 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| JMC 473: The Business and Future of Journalism | 3 | C | • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
| TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | |
| JMC 435: Latino and Transnational Issues | 3 | C | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 6 81 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| Media and Expressive Culture Track Course | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| Term 7 99 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | • Gather professional references |
| ★ Upper Division JMC Professional Program Course | 3 | C | |
| JMC 484: Internship | 3 | Y | |
| Media and Expressive Culture Track Course | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 114 - 129 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TCL 498: Pro-Seminar | 3 | C | • Professional programs require placement. Please consult your academic advisor.<br>• Apply for full-time career opportunities. |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| *Complete 2 courses:*<br>Media and Expressive Culture Track Course | 6 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- • Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.
- • Students must complete 15 credit hours from the Media and Expressive Culture Track.

Hide Course List(s)/Track Group(s)

| Philosophy Course | JMC Professional Program Courses | JMC Advanced Skills Course |
|---|---|---|

HON 171: The Human Event (L or HU)

PHI 101: Introduction to Philosophy (HU)

PHI 103: Principles of Sound Reasoning (L or HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

JMC 320: Newscast Producing

JMC 330: Television Reporting

JMC 333: Advanced Bilingual Broadcast Reporting

JMC 351: Photojournalism I

JMC 412: Opinion Writing

JMC 413: Advanced Editing

JMC 414: Digital Graphic Design

JMC 421: Advanced Digital Storytelling

JMC 430: Sports Marketing and Campaigns

JMC 434: Advanced Bilingual Reporting

JMC 437: Documentary Production

JMC 440: Magazine Writing

JMC 441: Narrative Writing and Reporting.

JMC 451: Photojournalism II

JMC 453: Reporting on Business and the Economy

JMC 455: Digital Media Entrepreneurship

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

Media and Expressive Culture Track

TCL 211: Latinx Poetics (HU & C)

TCL 310: Folklore of the Southwest (HU & C)

TCL 328: U.S. Latino Religion and Culture (HU & C)

TCL 331: Mexican American History to 1900 (SB & H & C)

TCL 335: Historical Studies in Race, Crime, and the Law

TCL 350: Mexican and Chicana/o Artistic Production (HU & C & G)

TCL 351: Chicana/o and Latina/o Art (HU & C)

TCL 352: Chicana/o Film (C)

TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

TCL 370: Signs of Aliens: Semiotics of Film and Popular Culture (HU)

TCL 464: Latina/o Literature ((L or HU) & C)

TCL 471: Latinos In Hollywood (HU & C)

TCL 484: Internship

TCL 485: Chicana and Latina Writers ((L or HU) & C)

TCL 490: Transborder Queer Performativity (HU & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 129
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LATCLTBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, unless CLEP or AP credit fulfills this requirement. Majors are expected to fulfill this requirement in Spanish<br>• Select your career interest area and play me3@ASU |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Activate your Handshake account and build out your profile<br>• Create a first draft resume |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| TCL Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | • Join a student club or professional organization<br>• Secure a part-time job or volunteer experience<br>• Explore opportunities to study abroad |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | • Completion of The College Second Language requirement is recommended by term 4<br>• Explore an internship<br>• Thinking about graduate school or law school? Consider registering for a grad school test prep course |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Transborder Community Development & Health Track Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | • Upper division Spanish course requirement for the major may be fulfilled by AP credit earned<br>• Develop your professional online presence |
| TCL 323: Latina/o Health Issues (SB & C) | 3 | C | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| Upper Division Elective OR TCL 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 304: Transborder Research Methods (SB & C) | 3 | C | • Use Handshake to research employment opportunities<br>• Complete an in person or virtual practice interview |
| Transborder Community Development & Health Track Course | 3 | C | |
| TCL Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 305: Transborder Practicum and Field Research | 3 | C | • Gather professional references<br>• Attend career fairs, workshops, and related events offered by Career and Professional Development Services<br>• Apply for full-time career opportunities |
| TCL 321: Transborder Community Development and Health OR SOC 320: Transborder Community Development and Health | 3 | C | |
| TCL Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| ⭐ | TCL 498: Pro-Seminar | 3 | C | • Apply for full-time career opportunities |
| | Transborder Community Development & Health Track Course | 3 | C | |
| | *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| | | Term hours subtotal: | 15 | |

Hide Course List(s)/Track Group(s)

| Transborder Community Development & Health |
|---|
| TCL 315: Latinx Family Structures (SB) |
| TCL 326: Health of Chicanas and Latinas (SB & C) |
| TCL 327: Health and Migration (SB) |
| TCL 342: Social Demographics of Latino Populations (SB & C) |
| TCL 410: Race, Medicine, and the Body (L) |
| TCL 422: U.S.-Mexico Border Health |
| TCL 424: Theory and Practice of Community Development and Health (SB) |
| TCL 443: Political Ecology of the Border (SB & G) |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map
# Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location:
CSJMCBA

# and Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA

The College of Liberal Arts and Sciences
LATCLTBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 101: Grammar for Journalists | 1 | B- | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 201: News Reporting and Writing (L) | 3 | C | • Select your career interest area and play me3@ASU<br>• Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |

| | | |
|---|---|---|
| JMC 305: Multimedia Journalism | 3 | C |
| STP 226: Elements of Statistics (CS) | 3 | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 301: Intermediate Reporting and Writing (L) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | |
| JMC 366: Journalism Ethics and Diversity | 3 | C | |
| Transborder Community Development and Health Track Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 65 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | • Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement.<br>• Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation.. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 65 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 473: The Business and Future of Journalism | 3 | C | |
| TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | |
| JMC 435: Latino and Transnational Issues | 3 | C | |
| TCL 323: Latina/o Health Issues (SB & C) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 16

| Term 6 81 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 18

| Term 7 99 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses.<br>• Gather professional references |
| ★ Upper Division JMC Professional Program Course | 3 | C | |
| JMC 484: Internship | 3 | Y | |
| TCL 321: Transborder Community Development and Health OR SOC 320: Transborder Community Development and Health | 3 | | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

| Term 8 114 - 129 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TCL 498: Pro-Seminar | 3 | C | • Professional programs require placement. Please consult your academic advisor.<br>• Apply for full-time career opportunities. |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| *Complete 2 courses:* Transborder Community Development and Health Track Course | 6 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

- 
  - Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.
  - Students must complete 15 credit hours from the Transborder Community Development and Health track.

Hide Course List(s)/Track Group(s)

| | |
|---|---|
| Philosophy Course | JMC Advanced Skills Course |

HON 171: The Human Event (L or HU)

PHI 101: Introduction to Philosophy (HU)

PHI 103: Principles of Sound Reasoning (L or HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

JMC Professional Program Courses

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 320: Newscast Producing

JMC 330: Television Reporting

JMC 333: Advanced Bilingual Broadcast Reporting

JMC 351: Photojournalism I

JMC 412: Opinion Writing

JMC 413: Advanced Editing

JMC 414: Digital Graphic Design

JMC 421: Advanced Digital Storytelling

JMC 430: Sports Marketing and Campaigns

JMC 434: Advanced Bilingual Reporting

JMC 437: Documentary Production

JMC 440: Magazine Writing

JMC 441: Narrative Writing and Reporting.

JMC 451: Photojournalism II

JMC 453: Reporting on Business and the Economy

JMC 455: Digital Media Entrepreneurship

JMC 457: Advanced Radio Reporting

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

Transborder Community Development and Health Track

TCL 315: Latinx Family Structures (SB)

TCL 326: Health of Chicanas and Latinas (SB & C)

TCL 327: Health and Migration (SB)

TCL 342: Social Demographics of Latino Populations (SB & C)

TCL 410: Race, Medicine, and the Body (L)

TCL 422: U.S.-Mexico Border Health

TCL 424: Theory and Practice of Community Development and Health (SB)

TCL 443: Political Ecology of the Border (SB & G)

TCL 447: Gender, Culture, and Development ((L or SB) & G)

TCL 484: Internship

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 129
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LATCLUBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, unless CLEP or AP credit fulfills this requirement. Majors are expected to fulfill this requirement in Spanish<br>• Select your career interest area and play me3@ASU |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Activate your Handshake account and build out your profile<br>• Create a first draft resume |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| TCL Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | • Join a student club or professional organization<br>• Secure a part-time job or volunteer experience<br>• Explore opportunities to study abroad |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |

| | | |
|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | • Completion of The College Second Language requirement is recommended by term 4<br>• Explore an internship<br>• Thinking about graduate school or law school? Consider registering for a grad school test prep course |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| US & Mexican Regional Immigration Policy & Economy Track Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | • Upper division Spanish course requirement for the major may be fulfilled by AP credit earned<br>• Develop your professional online presence |
| TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) OR SOC 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) | 3 | C | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| Upper Division Elective OR TCL 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 304: Transborder Research Methods (SB & C) | 3 | C | • Use Handshake to research employment opportunities<br>• Complete an in person or virtual practice interview |
| US & Mexican Regional Immigration Policy & Economy Track Course | 3 | C | |
| TCL Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TCL 305: Transborder Practicum and Field Research | 3 | C | • Gather professional references<br>• Attend career fairs, workshops, and related events offered by Career and Professional Development Services<br>• Apply for full-time career opportunities |
| US & Mexican Regional Immigration Policy & Economy Track Course | 3 | C | |
| TCL Elective | 3 | C | |
| *Complete 2 courses:* | | | |

| | | |
|---|---|---|
| Upper Division Elective | 6 | |
| Term hours subtotal: | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TCL 498: Pro-Seminar | 3 | C | • Apply for full-time career opportunities |
| US & Mexican Regional Immigration Policy & Economy Track Course | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

US & Mexican Regional Immigration Policy & Economy

- TCL 315: Latinx Family Structures (SB)
- TCL 327: Health and Migration (SB)
- TCL 331: Mexican American History to 1900 (SB & H & C)
- TCL 335: Historical Studies in Race, Crime, and the Law
- TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)
- TCL 341: Latinas/os and the City (C)
- TCL 342: Social Demographics of Latino Populations (SB & C)
- TCL 377: Arizona, Immigration, Latinos and Politics
- TCL 443: Political Ecology of the Border (SB & G)
- TCL 444: The Ethnography of Mexico and the Borderlands (SB & G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map
# Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism and Mass Comm
Location:
CSJMCBA

and
Transborder
Chicana/o
and
Latina/o
Studies (US
and
Mexican
Regional
Immigration
Policy and
Economy),
BA

The College of Liberal Arts and Sciences
LATCLUBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| JMC 101: Grammar for Journalists | 1 | B- | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| JMC 201: News Reporting and Writing (L) | 3 | C |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C |
| JMC 305: Multimedia Journalism | 3 | C |
| STP 226: Elements of Statistics (CS) | 3 | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- Select your career interest area and play me3@ASU
- Develop your professional online presence

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C |
| JMC 301: Intermediate Reporting and Writing (L) | 3 | C |
| JMC 366: Journalism Ethics and Diversity | 3 | C |
| U.S. and Mexican Regional Immigration Policy and Economy Track Course | 3 | C |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- Build your professional connections -- join the ASU Mentor Network

| Term 4 48 - 65 Credit Hours Critical course signified by | Hours | Minimum Grade |
|---|---|---|
| TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation.. | 4 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 17 | |

- Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement.
- Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses.

| Term 5 65 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| JMC 473: The Business and Future of Journalism | 3 | C |
| TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C |
| JMC 435: Latino and Transnational Issues | 3 | C |

| | | |
|---|---|---|
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 6 81 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| ★ TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) OR SOC 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| SPA Upper Division Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| Term 7 99 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ Upper Division JMC Professional Program Course | 3 | C | • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses.<br>• Gather professional references |
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | |
| JMC 484: Internship | 3 | Y | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| U.S. and Mexican Regional Immigration Policy and Economy Track Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 114 - 129 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TCL 498: Pro-Seminar | 3 | C | • Professional programs require placement. Please consult your academic advisor.<br>• Apply for full-time career opportunities |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| *Complete 2 courses:*<br>U.S. and Mexican Regional Immigration Policy and Economy Track Course | 6 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- 
- Students must complete 15 credit hours from the U.S.and Mexican Regional Immigration Policy and Economy Track.

- Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.

Hide Course List(s)/Track Group(s)

| Philosophy Course |
| --- |
| HON 171: The Human Event (L or HU) |
| PHI 101: Introduction to Philosophy (HU) |
| PHI 103: Principles of Sound Reasoning (L or HU) |
| PHI 105: Intro to Ethics (HU) |
| PHI 306: Applied Ethics (HU) |

| U.S. and Mexican Regional Immigration Policy and Economy Track |
| --- |
| TCL 315: Latinx Family Structures (SB) |
| TCL 327: Health and Migration (SB) |
| TCL 331: Mexican American History to 1900 (SB & H & C) |
| TCL 335: Historical Studies in Race, Crime, and the Law |
| TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) |
| TCL 341: Latinas/os and the City (C) |
| TCL 342: Social Demographics of Latino Populations (SB & C) |
| TCL 377: Arizona, Immigration, Latinos and Politics |
| TCL 443: Political Ecology of the Border (SB & G) |
| TCL 444: The Ethnography of Mexico and the Borderlands (SB & G) |
| TCL 484: Internship |

| JMC Advanced Skills Course |
| --- |
| JMC 320: Newscast Producing |
| JMC 330: Television Reporting |
| JMC 333: Advanced Bilingual Broadcast Reporting |
| JMC 351: Photojournalism I |
| JMC 412: Opinion Writing |
| JMC 413: Advanced Editing |
| JMC 414: Digital Graphic Design |
| JMC 421: Advanced Digital Storytelling |
| JMC 430: Sports Marketing and Campaigns |
| JMC 434: Advanced Bilingual Reporting |
| JMC 437: Documentary Production |
| JMC 440: Magazine Writing |
| JMC 451: Photojournalism II |
| JMC 453: Reporting on Business and the Economy |
| JMC 455: Digital Media Entrepreneurship |
| JMC 460: Advanced Online Media |
| JMC 465: Telling Stories with Data |
| JMC 477: New Media Innovation and Entrepreneurship Lab |
| JMC 478: Cronkite News: Los Angeles |
| JMC 478: Cronkite News: Phoenix Bureau |
| JMC 479: Cronkite News: Washington Bureau |
| JMC 485: Television Magazine |
| JMC 486: Digital Audiences Lab |
| JMC 487: Howard Center for Investigative Journalism |

| JMC Professional Program Courses |
| --- |
| JMC 477: New Media Innovation and Entrepreneurship Lab |
| JMC 478: Cronkite News: Los Angeles |
| JMC 478: Cronkite News: Phoenix Bureau |

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

JMC 487: Howard Center for Investigative Journalism

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 129
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Urban Planning, BSP

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
ARPUPBSP

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Play me3@ASU and select your career interest area.<br>• Set up your Handshake account. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GIS OR PUP Elective | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | • For a full list of Science and Society courses, go here. |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 13 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PUP 301: Introduction to Urban Planning (L) | 3 | C | • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.<br>• Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here. |
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PUP Upper Division Elective | 3 | C | • For more information about the Science and Society requirement, visit this webpage.<br>• Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here.<br>• Students interested in pursuing an accelerated master's degree in urban and environmental planning should initiate contact with graduate advising. |
| Upper Division Science and Society Elective | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PUP Upper Division Elective OR PUP 484: Internship | 3 | C | • Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here. |
| Related Area Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PUP Upper Division Elective OR PUP 484: Internship | 3 | C | • Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available at the School of Geographical Sciences & Urban Planning Job List, ACSP Career Page, and APA Career Center. |
| GIS OR PUP Upper Division Elective | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PUP 424: Planning Methods | 4 | C | |
| Related Area Course | 3 | C | |

| | |
|---|---|
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 |
| *Complete 2 courses:*<br>Upper Division Elective | 5 |
| Term hours subtotal: | 15 |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|---|
| ALA OR ASB OR GCU OR GIS OR GPH OR PUP OR SGS OR SOC OR SOS Elective |

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Urban Planning, BSP

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
ARPUPBSP

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-LA: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | • View ASU Online first-year student registration information here.<br>• Play me3 and select your career interest area. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • Mathematics Placement Assessment score determines placement in mathematics course<br>• Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS OR PUP Elective | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | |

| | | | |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | | • Develop your professional online presence. |
| Term hours subtotal: | 7 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | • Create a first draft resume. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Related Area Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PUP 301: Introduction to Urban Planning (L) | 3 | C | • Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here. |
| Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Science and Society Elective | 3 | C | • For a full list of Science and Society courses, go here.<br>• Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PUP Upper Division Elective OR PUP 484: Internship | 3 | C | • Students interested in continuing to graduate study following the completion of the bachelor's program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

graduate programs offered through the School of Geographical Sciences and Urban Planning is available here.

- Students planning to enter the job market after completion of the bachelor's program should work with a career advisor from Career and Professional Development Services to explore networking opportunities.

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PUP Upper Division Elective OR PUP 484: Internship | 3 | C | • For more information on the Science and Society requirement, go to this webpage. |
| Upper Division Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | • Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available at the School of Geographical Sciences and Urban Planning job list, ACSP career page, and APA Career Center. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* Upper Division Elective | 6 | | • Gather professional references. |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PUP Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 104 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 5 | | |

| Term 9 - B 104 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PUP 424: Planning Methods | 4 | C | • Update and polish your resume. |

| | | | |
|---|---|---|---|
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ GIS OR PUP Upper Division Elective | 3 | C | • Apply for full-time employment opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 3 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/resources/science-society. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|---|
| ALA OR ASB OR GCU OR GIS OR GPH OR PUP OR SGS OR SOC OR SOS Elective |

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Women and Gender Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Tempe campus
LAWSTBA

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST 100: Women, Gender, and Society (SB & C) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Women and Gender Studies Related Area Course | 3 | C | • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST Elective | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |

| | | | |
|---|---|---|---|
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST 377: History of American Feminist Thought (H & C) OR WST 378: Global Feminist Theory (L & G) | 3 | C | • Explore an internship |
| Upper Division Women and Gender Studies Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST 380: Race, Gender, and Class (SB & C) | 3 | C | • Develop your professional online presence |
| WST Upper Division Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Women and Gender Studies Related Area Course | 3 | C | |
| *Complete 2 courses:*<br>WST Upper Division Elective | 6 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST 4** Elective OR WST 484: Internship | 3 | C | • WST 484: Internship preferred for Tempe campus students.<br>• WST 484 requires departmental approval for enrollment.<br>• Gather professional references. |
| Upper Division Women and Gender Studies Related Area Course | 3 | C | |
| WST Upper Division Elective | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST 498: Pro-Seminar (L) | 3 | C | |
| Upper Division Women and Gender Studies Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

Women and Gender Studies Related Area Courses

- AFR 375: Race, Gender and Sport (SB & C)
- AFR 460: Race, Gender, and Media (C) or MCO 460: Race, Gender, and Media (C)
- APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)
- ARB 341: Quran Text and Women (HU & H)
- ARS 485: Women in the Visual Arts (L)
- ASB 210: Human Sexuality: Anthropological Perspectives (SB & G)
- ASB 211: Women in Other Cultures ((HU or SB) & G)
- COM 316: Gender and Communication (SB & C)
- COM 416: Gender and Race in the Media
- COM 446: Performance of Literature Written by Women ((L or HU) & C)
- CRJ 305: Gender, Crime, and Criminal Justice (C)
- ENG 364: Women and Literature (HU)
- ENG 454: Gender and Literature (L or HU)
- ENG 455: Contemporary Women Writers
- ENG 460: Ethnic Women Writers
- ENG 461: Studies in Women and Literature
- ENG 462: Africana Literature (HU & G)
- FAS 331: Marriage and Family Relationships (SB)
- FAS 332: Human Sexuality (SB)
- FAS 436: Sexuality in Mid-Life and Beyond
- HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
- HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
- HST 329: Women in 20th-Century U.S. West (H & C)

HST 465: Women in Europe, 1750 to Present ((HU or SB) & H)

IAP 310: Women in Art

JUS 329: Domestic Violence (SB)

JUS 420: Women, Work, and Justice ((L or SB) & C)

JUS 422: Women, Law, and Social Control

JUS 460: Feminism and Justice (C)

KIN 441: Physiology of Women in Sport (L)

LSC 363: Genes, Race, Gender, and Society (L)

MUS 410: History of Women in Music (HU & C & H)

POS 435: Women and Politics (SB & C)

POS 436: Gender, Sexuality, Nation-States

POS 437: Women, Power, and Politics (G)

PSY 369: Biology of Human Sexuality

PSY 385: Psychology of Gender (SB)

PUP 445: Women and Environments (C)

REL 369: Women in Islam

REL 390: Women, Gender and Religion (HU & G)

REL 393: Religion and Sex (HU)

SOC 264: Gender and Society (SB & C)

SOC 315: Courtship and Marriage (SB)

SOC 424: Women and Health (SB)

WST Upper Division Elective

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Women and Gender Studies, BA

School/College: The College of Liberal Arts and Sciences
Location: Online, ASU Local@Los Angeles
LAWSTBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST 100: Women, Gender, and Society (SB & C) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. |
| ASU 101-LA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here.<br>• Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 23 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Women and Gender Studies Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 7 |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST Elective | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 37 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 44 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST 377: History of American Feminist Thought (H & C) OR WST 378: Global Feminist Theory (L & G) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 51 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST Upper Division Elective | 3 | C | • Explore an internship. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 60 - 67 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST 380: Race, Gender, and Class (SB & C) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 67 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST Upper Division Elective | 3 | C | • Develop your professional online presence |
| Upper Division Women and Gender Studies Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 76 - 82 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| WST Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 82 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Women and Gender Studies Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 8 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ WST 4** Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Women and Gender Studies Related Area Course | 3 | C | • Gather professional references |
| WST Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ WST 498: Pro-Seminar (L) | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Women and Gender Studies Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Women and Gender Studies Related Area Course

- AFR 375: Race, Gender and Sport (SB & C)
- AFR 460: Race, Gender, and Media (C) or MCO 460: Race, Gender, and Media (C)
- APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)
- ARS 485: Women in the Visual Arts (L)
- COM 316: Gender and Communication (SB & C)

CRJ 305: Gender, Crime, and Criminal Justice (C)

ENG 460: Ethnic Women Writers

FAS 331: Marriage and Family Relationships (SB)

FAS 332: Human Sexuality (SB)

HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)

JUS 329: Domestic Violence (SB)

POS 435: Women and Politics (SB & C)

PSY 385: Psychology of Gender (SB)

REL 390: Women, Gender and Religion (HU & G)

SOC 264: Gender and Society (SB & C)

SOC 315: Courtship and Marriage (SB)

SOC 424: Women and Health (SB)

WST Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Applied Science (Health Entrepreneurship and Innovation), BAS

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, West campus
NUHCIBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Update your resume.<br>• Join a professional organization.<br>• Activate your Handshake account and build your profile.<br>• Build your professional connections -- join the ASU Mentor Network. |
| ★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing | 3 | C | |
| ★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| *Complete 2 courses:*<br>Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) OR BIS 345: Organizational Ethics (HU) or OGL 345: Organizational Ethics (HU) OR IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) OR LES 305: Business Law and Ethics for Managers OR MED 320: Applied Medical/Health Care Ethics (HU) OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) | 3 | C | • Students with a transfer statistics course may take an elective. Please check with your advisor.<br>• Students with transfer courses meeting ASU's Humanities, Arts and Design (HU) requirements may take an elective. Please check with your advisor.<br>• Develop your professional online presence.<br>• Develop your skills.<br>• Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways |
| ★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | |

| | | | |
|---|---|---|---|
| ★ STP 226: Elements of Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) OR STP 420: Introductory Applied Statistics (CS) OR SOC 390: Social Statistics I (CS) | 3 | C | provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree. |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 2 courses:*<br>★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 6 | C | • Explore graduate programs including the Master of Healthcare Innovation (MHI) degree at ASU.<br>• Gather academic and professional references.<br>• Complete an in person or virtual practice interview. |
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ BIS 343: Social Processes in Organizations (SB) OR BIS 353: Interdisciplinary Leadership (SB) OR COM 430: Leadership in Group Communication OR OGL 350: Diversity and Organizations (L & C) OR OGL 355: Leading Organizational Innovation and Change OR PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB) | 3 | C | • Connect with us as a member of our alumni community.<br>• Update your resume.<br>• Use Handshake to research employment opportunities. |
| *Complete 2 courses:*<br>★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Applied Science (Health Entrepreneurship and Innovation), BAS

School/College: Edson College of Nursing and Health Innovation
Location: Online, ASU Local@Los Angeles
NUHCIBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Update your resume.<br>• Join a professional organization. |
| ★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BIS 345: Organizational Ethics (HU) or OGL 345: Organizational Ethics (HU) OR LES 305: Business Law and Ethics for Managers OR MED 320: Applied Medical/Health Care Ethics (HU) OR PHI 306: Applied Ethics (HU) OR PHI 320: Bioethics (HU) OR PHI 360: Business and Professional Ethics (HU) | 3 | C | • Students with a transfer statistics course may take an elective. Please check with your advisor.<br>• Students with transfer courses meeting general studies may take electives. Please check with your advisor for details.<br>• Activate your Handshake account and build your profile.<br>• Build your professional connections -- join the ASU Mentor Network. |
| ★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing | 3 | C | |
| ★ STP 226: Elements of Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) OR STP 420: Introductory Applied Statistics (CS) OR SOC 390: Social Statistics I (CS) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BIS 343: Social Processes in Organizations (SB) OR BIS 353: Interdisciplinary Leadership (SB) OR COM 430: Leadership in Group Communication OR OGL 350: Diversity and Organizations (L & C) OR OGL 355: Leading Organizational Innovation and Change OR | 3 | C | • Develop your professional online presence.<br>• Connect with your advisor to learn more about the accelerated pathways to the MS |

| | | | |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB) | | | in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree. |
| ★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Develop your skills. |
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| **Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | • Explore graduate programs including the Master of Healthcare Innovation (MHI) degree at ASU.<br>• Gather academic and professional references. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Complete a virtual practice interview. |
| Upper Division Elective | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Update your resume.<br>• Use Handshake to research employment opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation | | | • Connect with us as a member of our alumni community. |

| | | | |
|---|---|---|---|
| ★ | OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C |
| | *Complete 2 courses:*<br>Any needed lower division General Studies requirement OR Elective | 6 | |
| | Term hours subtotal: | 9 | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Community Health, BS

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, West campus
NUCHLTBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities, play me3@ASU and review academic programs.<br>• Activate your Handshake account and build out your profile.<br>• Meet with your First Year Success Coach.<br>• Attend the Edson College Health Careers Expo. |
| CDE 232: Human Development (SB) OR HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) OR PSY 101: Introduction to Psychology (SB) OR SOC course (SB) ( SOC 101 recommended) | 3 | C | |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>CDE 232: Human Development (SB) OR HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) OR PSY 101: Introduction to Psychology (SB) OR SOC course (SB) ( SOC 101 recommended) | 6 | C | • Create a first draft resume.<br>• Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part time job or volunteer experience.<br>• Attend a Study Abroad 101 Session.<br>• Explore engagement opportunities in the Edson College of Nursing and Health Innovation.<br>• Join a student club or professional organization. |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | |

| | | | |
|---|---|---|---|
| | *Complete 3 courses:*<br>CDE 232: Human Development (SB) OR HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) OR PSY 101: Introduction to Psychology (SB) OR SOC course (SB) ( SOC 101 recommended) | 9 | C |
| | MIC 205: Microbiology (SG) | 3 | C |
| | MIC 206: Microbiology Laboratory (SG) | 1 | C |
| | Complete Mathematics (MA) requirement. | | |
| | Term hours subtotal: | 17 | |

- Develop your skills.
- Explore minors or certificates.

| Term 4 47 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 231: Fundamentals of Community Health | 3 | C | • Explore an internship.<br>• Schedule an appointment with your advisor to review your academic progress. |
| HCR 240: Human Pathophysiology | 4 | C | |
| COM 225: Public Speaking (L) | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>CHS 340: Health Theory OR HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health OR HCR 336: Environmental Community Health | 6 | C | • Develop your professional online presence.<br>• Complete informational interviews. |
| SOC 352: Social Change (SB & G & H) OR HCR 471: Interprofessional Education and Community Health | 3 | C | |
| TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| PAF 311: Leadership and Change (SB) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>CHS 340: Health Theory OR HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health OR HCR 336: Environmental Community Health | 6 | C | • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.<br>• Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| HCR 301: Research Methods for the Health Care Professional | 3 | C | |
| HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | |
| HCR 484: Internship OR HCR 473: Interprofessional Education and Comprehensive Systems Health OR Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Explore graduate programs including ASU's Master of Healthcare Innovation, MS in Aging, |

| | | | |
|---|---|---|---|
| HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| HCR 435: Leaders in Community Health | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

MS in Health Care Simulation, the MS in Regulatory Science, and the MS in Nursing (Entry to Nursing Practice).

- Gather professional references.
- Update your resume.

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | |
| HCR 430: Foundation to Health Care Systems | 3 | C | |
| HCR 439: Community Health Capstone | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Apply for full-time career opportunities.
- Connect with us as a member of our alumni community.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Community Health, BS

School/College: Edson College of Nursing and Health Innovation
Location: Online, ASU Local@Los Angeles
NUCHLTBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Become familiar with the student focused services and perks available to ASU Online students.<br>• Review library resources. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • Select your Career Interest Communities, play me3@ASU and review academic programs.<br>• Create a first draft resume.<br>• Explore study abroad options.<br>• View ASU Online first-year student registration information here. |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 24 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part-time job or volunteer experience. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) ( SOC 101 recommended) | 3 | C | |
| Term hours subtotal: | 10 | | |

| Term 2 - B 24 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • Apply for a study abroad experience.<br>• Join a professional organization. |
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Develop your skills. |
| MIC 205: Microbiology (SG) | 3 | C | |
| MIC 206: Microbiology Laboratory (SG) | 1 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 37 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Explore Career Webinars. |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 44 - 53 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Explore Career Advising. |
| HCR 231: Fundamentals of Community Health | 3 | C | |
| COM 225: Public Speaking (L) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 53 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 240: Human Pathophysiology | 4 | C | • Explore an internship.<br>• Schedule an appointment with your advisor to review your academic progress. |
| NTR 241: Human Nutrition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | • Explore the Career Guide. |
| PAF 311: Leadership and Change (SB) | 3 | C | |
| SOC 352: Social Change (SB & G & H) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health | 6 | C | • Develop your professional online presence. |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 301: Research Methods for the Health Care Professional | 3 | C | |

| | | |
|---|---|---|
| HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C |
| HCR 336: Environmental Community Health | 3 | C |
| Term hours subtotal: | 9 | |

- Use Handshake to research employment opportunities.
- Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for students to share up to 11-12 credit hours to accelerate completion of a master's degree.

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHS 340: Health Theory | 3 | C | • Complete an in person or virtual practice interview. |
| Elective OR HCR 484: Internship | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Explore graduate programs including ASU's Master of Healthcare Innovation, the MS in Aging, and MS in Regulatory Science. |
| HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| HCR 435: Leaders in Community Health | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 406: Health Literacy for Health Care Professionals | 3 | C | • Gather professional references.<br>• Update your resume. |
| HCR 430: Foundation to Health Care Systems | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Apply for full-time career opportunities. |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 439: Community Health Capstone | 3 | C | • Connect with us as a member of our alumni community. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Care Compliance and Regulations, BS

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, West campus
NUHCCRBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities, play me3@ASU and review academic programs.<br>• Activate your Handshake account and build out your profile.<br>• Create a first draft resume.<br>• Explore study abroad options.<br>• Search for on campus employment. |
| HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | 3 | C | |
| HCR 259: Compliance and the Health Care Industry | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) ( MAT 117 recommended) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance | 3 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part time job or volunteer experience.<br>• Apply for a study abroad experience.<br>• Explore student leadership opportunities in the Edson College of Nursing and Health Innovation.<br>• Join a student club or professional organization. |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HCR 210: Ethics for the Health Care Professional (HU) | 3 | C | |
| Natural Science - Quantitative (SQ) ( BIO 100 recommended) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 264: Regulatory Essentials of Compliance Program Design I | 3 | C | • Develop your skills. |
| ACC 231: Uses of Accounting Information I | 3 | C | |
| BMI 201: Introduction to Clinical Informatics | 3 | C | |
| COM 259: Communication in Business and the Professions OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) | 3 | C | |

| | | |
|---|---|---|
| SOC course (SB) ( SOC 101 recommended) OR PSY course (SB) ( PSY 101 recommended) OR HEP 100: Introduction to Health and Wellness (SB) OR INT 131: Design and Human Behavior (SB) | 3 | C |
| Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance | 3 | C | • Please note that LES 305 in term 6 requires a minimum 2.50 cumulative GPA for registration.<br>• Explore internships. |
| HCR 265: Regulatory Essentials of Compliance Program Design II | 3 | C | |
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 350: Introduction to Clinical Research | 3 | C | • Develop your professional online presence. |
| HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance | 3 | C | |
| HCR 362: Monitoring and Auditing for Health Care Compliance | 3 | C | |
| OGL 320: Foundations of Project Management | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview. |
| HCR 460: Investigations and Disclosures in Health Care Compliance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries OR TMC 330: Leading the Enterprise | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 461: Corrective and Preventive Action Plans | 3 | C | • Explore graduate programs including the MS Regulatory Science program.<br>• Gather professional references.<br>• Update your resume. |
| OMT 343: Occupational Safety and Ergonomics | 3 | C | |
| TWC 347: Written Communication for Managers (L) OR ENG 301: Writing for the Professions (L) | 3 | C | |

| | | |
|---|---|---|
| Elective OR HCR 484: Internship | 3 | |
| Elective ( CIS 308 recommended) | 3 | |
| Term hours subtotal: | 15 | |

- Advanced MS Excel skills recommended by industry.
- OMT 343 is only offered during the fall semester.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCR 463: Capstone Project Health Care Compliance | 4 | C | • Apply for full-time career opportunities.<br>• Connect with us as a member of our alumni community. |
| HCR 430: Foundation to Health Care Systems OR HCD 330: Health Care Systems in the U.S. | 3 | C | |
| TWC 446: Technical and Scientific Reports (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| Humanities, Arts and Design (HU) ( ART 110 OR CEE 181 OR CON 101 OR FMP 201 recommended) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Care Compliance and Regulations, BS

School/College: Edson College of Nursing and Health Innovation
Location: Online, ASU Local@Los Angeles
NUHCCRBS

| Term 1 - A 0 - 5 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Become familiar with the student focused services and perks available to ASU Online students.<br>• Review library resources. |
| HCR 259: Compliance and the Health Care Industry | 4 | C | |
| Term hours subtotal: | 5 | | |

| Term 1 - B 5 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | 3 | C | • View ASU Online first-year student registration information here.<br>• Select your Career Interest Communities, play me3@ ASU, and review academic programs.<br>• Create a first draft resume.<br>• Explore study abroad options. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) ( MAT 117 recommended) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 14 - 23 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HCR 210: Ethics for the Health Care Professional (HU) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance | 3 | C | • Apply for a study abroad experience. |
| Natural Science - Quantitative (SQ) ( BIO 100 recommended) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 30 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| HCR 264: Regulatory Essentials of Compliance Program Design I | 3 | C | • Develop your skills. |
| ACC 231: Uses of Accounting Information I | 3 | C | |
| SOC course (SB) ( SOC 101 recommended) OR PSY course (SB) ( PSY 101 recommended) OR HEP 100: Introduction to Health and Wellness (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| **Term 3 - B 39 - 45 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| BMI 201: Introduction to Clinical Informatics | 3 | C | |
| COM 259: Communication in Business and the Professions OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) | 3 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| **Term 4 - A 45 - 54 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | • Explore an internship. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 9 | | |

| **Term 4 - B 54 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance | 3 | C | • Schedule an appointment with your advisor to review your academic progress. |
| HCR 265: Regulatory Essentials of Compliance Program Design II | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 5 - A 60 - 69 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance | 3 | C | • Develop your professional online presence. |
| HCR 362: Monitoring and Auditing for Health Care Compliance | 3 | C | |
| OGL 320: Foundations of Project Management | 3 | C | |
| Term hours subtotal: | 9 | | |

| **Term 5 - B 69 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HCR 350: Introduction to Clinical Research | 3 | C | • Complete informational interviews. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 6 - A 75 - 84 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance | 3 | C | • Use Handshake to research employment opportunities. |
| LES 305: Business Law and Ethics for Managers | 3 | C | • Complete an in person or virtual practice interview. |

| | | |
|---|---|---|
| Social-Behavioral Sciences (SB) AND Global Awareness (G) AND Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 9 | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCR 460: Investigations and Disclosures in Health Care Compliance | 3 | C | • Explore internships. |
| PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries OR TMC 330: Leading the Enterprise | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCR 461: Corrective and Preventive Action Plans | 3 | C | • Explore graduate programs including the MS in Regulatory Science program.<br>• Gather professional references.<br>• Update your resume. |
| TWC 347: Written Communication for Managers (L) OR ENG 301: Writing for the Professions (L) | 3 | C | |
| Elective OR HCR 484: Internship | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| OMT 343: Occupational Safety and Ergonomics | 3 | C | • Apply for full-time career opportunities<br>• Advanced MS Excel skills recommended by industry.<br>• OMT 343 is only offered during the fall semester. |
| Elective ( CIS 308 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 112 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCR 463: Capstone Project Health Care Compliance | 4 | C | |
| TWC 446: Technical and Scientific Reports (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 8 - B 112 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 430: Foundation to Health Care Systems OR HCD 330: Health Care Systems in the U.S. | 3 | C | • Connect with us as a member of our alumni community. |
| Humanities, Arts and Design (HU) ( ART 110 OR FMP 201 recommended) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 8 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Care Coordination, BS

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, West campus
NUHCCOBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities, play me3@ASU and review academic programs.<br>• Create a first draft resume.<br>• Explore study abroad options.<br>• Search for on-campus employment. |
| CDE 232: Human Development (SB) OR HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) OR PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>CDE 232: Human Development (SB) OR HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) OR PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 6 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part-time job or volunteer experience.<br>• Apply for a study abroad experience.<br>• Explore engagement opportunities in the College of Nursing and Health Innovation.<br>• Join a student club or professional organization. |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | |

| | | | |
|---|---|---|---|
| | *Complete 2 courses:*<br>CDE 232: Human Development (SB) OR HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) OR PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 6 | C |
| | MIC 205: Microbiology (SG) | 3 | C |
| | MIC 206: Microbiology Laboratory (SG) | 1 | C |
| | Complete Mathematics (MA) requirement. | | |
| | Term hours subtotal: | 14 | |

- Develop your skills.

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) OR HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) OR PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | • Explore an internship.<br>• Schedule an appointment with your advisor to review your academic progress. |
| HCR 221: Foundational Concepts for Health Care Coordination | 3 | C | |
| HCR 240: Human Pathophysiology | 4 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 332: Population Health Policy and Legislation | 3 | C | • Develop your professional online presence. |
| HCR 321: Advanced Concepts for Health Care Coordination | 3 | C | |
| TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| COM 225: Public Speaking (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 301: Research Methods for the Health Care Professional | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview.<br>• Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for students to share up to 11-12 credit hours to accelerate completion of a master's degree. |
| HCR 302: Social Determinants of Health OR HCR 472: Interprofessional Education and Complex Health | 3 | C | |
| HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | |
| HCR 473: Interprofessional Education and Comprehensive Systems Health OR HCR 484: Internship OR Elective | 3 | | |
| PAF 311: Leadership and Change (SB) | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 311: Health Innovation: Foundational Concepts | 3 | C | |

| | | |
|---|---|---|
| HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C |
| HCR 406: Health Literacy for Health Care Professionals | 3 | C |
| HCR 422: Policy and Financial Principles in Health Care Coordination | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

- Explore graduate programs including ASU's Master of Healthcare Innovation, MS in Aging, MS in Health Care Simulation, the MS in Regulatory Science, and the MS in Nursing (Entry to Nursing Practice).
- Gather professional references.
- Update your resume.

| **Term 8** 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | |
| HCR 420: Professional Role Development: Health Care Coordination | 3 | C | |
| HCR 426: Health Care Coordination Capstone | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Apply for full-time career opportunities.
- Connect with us as a member of our alumni community.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Care Coordination, BS

School/College: Edson College of Nursing and Health Innovation
Location: Online, ASU Local@Los Angeles
NUHCCOBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Become familiar with the student focused services and perks available to ASU Online students.<br>• Review library resources. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • View ASU Online first-time freshmen registration information here.<br>• Select your Career Interest Communities, play me3@ASU and review academic programs.<br>• Create a first draft resume.<br>• Explore study abroad options. |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 23 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part-time job or volunteer experience. |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • Apply for a study abroad experience.<br>• Join a professional organization. |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |

| | | |
|---|---|---|
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Term hours subtotal: | 7 | |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Develop your skills. |
| SOC 101: Introductory Sociology (SB) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 37 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Explore Career Webinars. |
| MIC 205: Microbiology (SG) | 3 | C | |
| MIC 206: Microbiology Laboratory (SG) | 1 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 44 - 53 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Explore Career Advising. |
| HCR 221: Foundational Concepts for Health Care Coordination | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 53 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 240: Human Pathophysiology | 4 | C | • Explore an internship.<br>• Schedule an appointment with your advisor to review your academic progress |
| COM 225: Public Speaking (L) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | • Explore the Career Guide. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 66 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCD 332: Population Health Policy and Legislation | 3 | C | • Develop your professional online presence. |
| HCR 321: Advanced Concepts for Health Care Coordination | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 301: Research Methods for the Health Care Professional | 3 | C | |

| | | | |
|---|---|---|---|
| ★ HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | • Use Handshake to research employment opportunities.<br>• Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree. |
| Elective OR HCR 484: Internship | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCR 302: Social Determinants of Health | 3 | C | • Complete an in person or virtual practice interview. |
| PAF 311: Leadership and Change (SB) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Explore graduate programs including ASU's Master of Healthcare Innovation and MS in Regulatory Science. |
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| ★ HCR 422: Policy and Financial Principles in Health Care Coordination | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | • Gather professional references.<br>• Update your resume. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Apply for full-time career opportunities. |
| ★ HCR 420: Professional Role Development: Health Care Coordination | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCR 426: Health Care Coordination Capstone | 3 | C | • Connect with us as a member of our alumni community. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Entrepreneurship and Innovation, BS

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, West campus
NUHCIBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities, play me3@ASU and review academic programs.<br>• Create a first draft resume.<br>• Explore study abroad options.<br>• Search for on-campus employment.<br>• Meet with your First Year Success Coach.<br>• Attend the Edson College Health Careers Expo. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) OR MAT course (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) ( BIO 100 recommended) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part-time job or volunteer experience.<br>• Apply for a study abroad experience.<br>• Explore engagement opportunities in the Edson College of Nursing and Health Innovation.<br>• Join a student club or professional organization. |
| HCI 150: Introduction to Health Innovation | 3 | C | |
| HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | 3 | C | |
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 230: Culture and Health (C & G) | 3 | C | • Develop your skills.<br>• Attend a Study Abroad 101 session.<br>• Explore minors or certificates.<br>• Get involved with the HEALab. |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) | 3 | C | |

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C |
| Health Innovation Elective | 3 | C |
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| **Term 4 45 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HCI 250: Health Entrepreneurship and Value Creation | 3 | C | • Explore an internship.<br>• Schedule an appointment with your advisor to review your academic progress. |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Develop your professional online presence.<br>• Complete informational interviews. |
| HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing | 3 | C | |
| TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| HCR 210: Ethics for the Health Care Professional (HU) OR MED 320: Applied Medical/Health Care Ethics (HU) OR BIS 345: Organizational Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 320: Bioethics (HU) or BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) OR PHI 409: Eco-Community Ethics (HU) or IAS 409: Eco-Community Ethics (HU) | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 2 courses:*<br>HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care OR HCI 344: Management and Leadership in Health Organizations | 6 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview.<br>• Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree. |
| HCR 301: Research Methods for the Health Care Professional | 3 | C | |
| HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 102 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| *Complete 2 courses:*<br>HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR | | | |

| | | | |
|---|---|---|---|
| ★ HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care OR HCI 344: Management and Leadership in Health Organizations | 6 | C | • Explore graduate programs including ASU's Master of Healthcare Innovation.<br>• Gather professional references.<br>• Update your resume. |
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Term hours subtotal: | 12 | | |

| **Term 8 102 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care OR HCI 344: Management and Leadership in Health Organizations | 3 | C | • Apply for full-time career opportunities.<br>• Connect with us as a member of our alumni community. |
| HCI 484: Internship OR Upper Division Elective | 3 | | |
| Health Innovation Elective | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 18 | | |

- Students should consult with their academic advisor to identify appropriate courses for the Health Innovation Elective. Students are encouraged to select courses in a thematic area and may pursue a minor to fulfill the Health Innovation Elective requirement.

Hide Course List(s)/Track Group(s)

Health Innovation Elective

ACC OR BUA OR ECN OR ENT OR FIN OR HCI OR HCR OR LES OR MGT OR MKT OR NTR OR OGL OR OMT OR SCM OR SOS OR TEL OR TEM Elective

ASB 100: Introduction to Global Health (SB & G)

ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H)

ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)

ASB 355: Traditional Medicine and Healing (HU or SB)

ASB 462: Medical Anthropology: Culture and Health (SB & C)

ASM 414: Environmental Health (SB)

BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)

CHS 100: Optimizing Your Health and Performance (SB)

COM 451: Communication and Work Relationships

HEP 100: Introduction to Health and Wellness (SB)

PAF 311: Leadership and Change (SB)

PAF 410: Building Leadership Skills (SB)

PHI 407: Environmental Philosophy and Policy (L or HU) or IAS 407: Environmental Philosophy and Policy (L or HU)

SOC 427: Sociology of Health and Illness (SB)

SOS 100: Introduction to Sustainability (G)

SOS 110: Sustainable World (SB)

TCL 321: Transborder Community Development and Health

USL 210: Service Learning: Intro to Diverse Community Issues (L & C)

WST 100: Women, Gender, and Society (SB & C)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 360: Women as Healers (SB & G)

WST 444: Gender, Health, and Bodies (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Health Entrepreneurship and Innovation, BS

School/College: Edson College of Nursing and Health Innovation
Location: Online, ASU Local@Los Angeles
NUHCIBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Become familiar with the student focused services and perks available to ASU Online students.<br>• Review library resources. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) OR MAT course (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) | 3 | C | • View ASU Online first-year student registration information here.<br>• Select your Career Interest Communities, complete me3@ASU, and review academic programs.<br>• Create a first draft resume.<br>• Explore study abroad options. |
| Natural Science - Quantitative (SQ) ( BIO 100 recommended) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 23 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part-time job or volunteer experience. |
| HCI 150: Introduction to Health Innovation | 3 | C | |
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | 3 | C | • Apply for a study abroad experience. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |

| | | |
|---|---|---|
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Term hours subtotal: | 7 | |

| Term 3 - A 30 - 36 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 230: Culture and Health (C & G) | 3 | C | • Develop your skills. |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 36 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Health Innovation Elective | 3 | C | • Explore Career Webinars. |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 9 | | |

| Term 4 - A 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | • Explore Career Advising. |
| Health Innovation Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 51 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 250: Health Entrepreneurship and Value Creation | 3 | C | • Explore an internship.<br>• Schedule an appointment with your advisor to review your academic progress. |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Explore the Career Guide. |
| TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 66 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Develop your professional online presence. |
| HCR 210: Ethics for the Health Care Professional (HU) OR MED 320: Applied Medical/Health Care Ethics (HU) OR BIS 345: Organizational Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 320: Bioethics (HU) | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Use Handshake to research employment opportunities.<br>• Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree. |
| HCR 301: Research Methods for the Health Care Professional | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Complete a virtual practice interview . |
| HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 90 - 96 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Explore graduate programs including ASU's Master of Healthcare Innovation.<br>• Update your resume. |
| HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Gather professional references. |
| Health Innovation Elective | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Apply for full-time career opportunities. |
| HCI 484: Internship OR Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| **Term 8 - B 111 - 120 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| Health Innovation Elective | 3 | C | • Connect with us as a member of our alumni community. |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 9 | | |

- Students should consult with their academic advisor to identify appropriate courses for the Health Innovation Elective. Students are encouraged to select courses in a thematic area and may pursue a minor to fulfill the Health Innovation Elective requirement.

Hide Course List(s)/Track Group(s)

Health Innovation Elective

ACC OR BUA OR ECN OR ENT OR FIN OR HCI OR HCR OR LES OR MGT OR MKT OR NTR OR OGL OR OMT OR SCM OR SOS OR TEL OR TEM Elective

ASB 100: Introduction to Global Health (SB & G)

ASB 301: Global History of Health (SB & G & H)

ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)

ASB 462: Medical Anthropology: Culture and Health (SB & C)

ASM 414: Environmental Health (SB)

CHS 100: Optimizing Your Health and Performance (SB)

PAF 311: Leadership and Change (SB)

PAF 410: Building Leadership Skills (SB)

SOS 100: Introduction to Sustainability (G)

SOS 110: Sustainable World (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Integrative Health - Nursing & Gen Health Interest, BS

School/College: Edson College of Nursing and Health Innovation
Location: Online, ASU Local@Los Angeles
NUIHLTBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities, play me3@ASU and review academic programs. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • View ASU Online first-year student registration information here.<br>• Create a first draft resume. |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 23 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part-time job or volunteer experience. |
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SOC course (SB) ( SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | • Attend a Study Abroad 101 session. |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SOC course (SB) ( SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 7 |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Develop your skills. |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 37 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 44 - 53 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • Explore an internship. |
| HCR 241: Foundations of Integrative Health | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 53 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Schedule an appointment with your advisor to review your academic progress. |
| HCR 240: Human Pathophysiology | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L) | 3 | C | • Develop your professional online presence. |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SOC course (SB) ( SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SOC course (SB) ( SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCR 301: Research Methods for the Health Care Professional | 3 | C | • Use Handshake to research employment opportunities.<br>• Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree. |
| ★ HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | |
| Elective OR HCR 484: Internship | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | • Complete an in person or virtual practice interview. |
| ★ HCR 343: Historical and Cultural Foundations of Integrative Health Care | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Explore graduate programs including ASU's Master of Healthcare Innovation, the MS in Regulatory Science, and the MS in Aging programs. |
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| ★ HCR 440: Interprofessional Approaches to Integrative Health Care | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | • Gather professional references.<br>• Update your resume. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care | 3 | C | • Apply for full-time career opportunities. |
| TWC 443: Grant & Proposal Writing | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Connect with us as a member of our alumni community. |
| ★ HCR 449: Integrative Health Care Capstone | 3 | C | |
| Term hours subtotal: | 6 | | |

- The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.
- The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
- The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Integrative Health - Nursing & Gen Health Interest, BS

School/College: Edson College of Nursing and Health Innovation
Location: West campus
NUIHLTBS

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities, play me3@ASU and review academic programs.<br>• Create a first draft resume.<br>• Explore study abroad options.<br>• Meet with your First Year Success Coach.<br>• Attend the Edson College Health Careers Expo. |
| CDE 232: Human Development (SB) OR HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) OR HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part-time job or volunteer experience.<br>• Apply for a study abroad experience.<br>• Explore engagement opportunities in the Edson College of Nursing and Health Innovation.<br>• Join a student club or professional organization. |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| SOC course (SB) ( SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Develop your skills.<br>• Explore minors or certificates. |
| *Complete 2 courses:*<br>CDE 232: Human Development (SB) OR HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) OR PSY 101: Introduction to Psychology (SB) | 6 | C | |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| **Term 4 44 - 60 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CDE 232: Human Development (SB) OR HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • Explore an internship.<br>• Schedule an appointment with your advisor to review your academic progress. |
| HCR 240: Human Pathophysiology | 4 | C | |
| HCR 241: Foundations of Integrative Health | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| SOC course (SB) ( SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Term hours subtotal: | 16 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | • Develop your professional online presence. |
| TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L) | 3 | C | |
| COM 225: Public Speaking (L) | 3 | C | |
| OGL 240: Introduction to Project Management | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HCR 301: Research Methods for the Health Care Professional | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview.<br>• Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree. |
| HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | |
| HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | |
| HCR 343: Historical and Cultural Foundations of Integrative Health Care | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| HCI 311: Health Innovation: Foundational Concepts | 3 | C | |

| | | | |
|---|---|---|---|
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| ★ HCR 440: Interprofessional Approaches to Integrative Health Care | 3 | C | |
| HCR 473: Interprofessional Education and Comprehensive Systems Health OR HCR 484: Internship OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Explore graduate programs including ASU's Master of Healthcare Innovation, the MS in Regulatory Science, and the MS in Aging programs.
- Gather professional references.
- Update your resume.

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | |
| ★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care | 3 | C | |
| ★ HCR 449: Integrative Health Care Capstone | 3 | C | |
| ★ TWC 443: Grant & Proposal Writing | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

- Apply for full-time career opportunities.
- Connect with us as a member of our alumni community.

- The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.
- The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
- The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Integrative Health - Pre Health Grad School Track, BS

School/College: Edson College of Nursing and Health Innovation
Location: West campus
NUIHLTBS

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select yourCareer Interest Communities , play me3@ASU and review academic programs.<br>• Create a first draft resume.<br>• Explore study abroad options.<br>• Meet with your First Year Success Coach.<br>• Attend the Edson College Health Careers Expo. |
| BIO 181: General Biology I (SQ) | 4 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part time job or volunteer experience.<br>• Apply for a study abroad experience.<br>• Explore engagement opportunities in the Edson College of Nursing and Health Innovation.<br>• Join a student club or professional organization.<br>• Review resources and opportunities available through ASU Pre-Health Advising. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:*<br>HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 6 | C | • Develop your skills.<br>• If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements.<br>• Explore minors or certificates.<br>• View Career Webinars. |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |

| | | |
|---|---|---|
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C |
| NTR 241: Human Nutrition | 3 | C |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 45 - 59 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | • Explore an internship.<br>• Schedule an appointment with your advisor to review your academic progress. |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
| HCR 241: Foundations of Integrative Health | 3 | C | |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 5 59 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | • Develop your professional online presence.<br>• Register for a graduate school test prep course. |
| TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L) | 3 | C | |
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management | 3 | C | |
| SWU 349: Stress Management Tools II (SB) OR SWU 350: Whole Person Health Across the Lifespan (SB) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 301: Research Methods for the Health Care Professional | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview.<br>• Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree. |
| HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | |
| HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | |
| HCR 343: Historical and Cultural Foundations of Integrative Health Care | 3 | C | |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 311: Health Innovation: Foundational Concepts | 3 | C | |
| HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |

| | | | |
|---|---|---|---|
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| ★ HCR 440: Interprofessional Approaches to Integrative Health Care | 3 | C | |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management | 3 | C | |
| Term hours subtotal: | 15 | | |

- Explore graduate programs including ASU's Master of Healthcare Innovation, the MS in Regulatory Science, and the MS in Aging programs.
- Gather professional references.
- Update your resume.

| **Term 8 105 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | |
| ★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care | 3 | C | |
| ★ HCR 449: Integrative Health Care Capstone | 3 | C | |
| ★ TWC 443: Grant & Proposal Writing | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

- Apply for full-time career opportunities.
- Connect with us as a member of our alumni community.

- The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.
- The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
- The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Integrative Health - Pre Health Grad School Track, BS

School/College: Edson College of Nursing and Health Innovation
Location: Online, ASU Local@Los Angeles
NUIHLTBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

| Term 1 - A 0 - 8 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| BIO 181: General Biology I (SQ) | 4 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Term hours subtotal: | 8 | | |

| Term 1 - B 8 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • View ASU Online first-year student registration information here.<br>• Select your Career Interest Communities, play me3@ASU and review academic programs.<br>• Create a first draft resume.<br>• Explore study abroad options. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 15 - 22 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Build your professional connections -- join the ASU Mentor Network.<br>• Secure a part time job or volunteer experience. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • Apply for a study abroad experience.<br>• Review resources and opportunities available through ASU Pre-Health Advising. |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |

| | | |
|---|---|---|
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| Term hours subtotal: | 10 | |

| Term 3 - A 32 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Develop your skills.<br>• If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements. |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 39 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Explore minors or certificates.<br>• Review the Career Guide for ASU Online students to learn about available career planning resources. |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 46 - 52 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 241: Foundations of Integrative Health | 3 | C | • Explore an internship. |
| NTR 241: Human Nutrition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 52 - 58 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | • Schedule an appointment with your advisor to review your academic progress.<br>• Plan for in-person laboratory attendance in summer. |
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Summer 4 58 - 59 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | • ASU Online students will complete all experiments for the Organic Chemistry labs at the Tempe campus of ASU during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| Term hours subtotal: | 1 | | |

| Term 5 - A 59 - 68 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L) | 3 | C | • Develop your professional online presence. |
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management | 3 | C | |

| | |
|---|---|
| Term hours subtotal: | 9 |

| Term 5 - B 68 - 74 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | • Register for a graduate school test prep course. |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 74 - 80 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 301: Research Methods for the Health Care Professional | 3 | C | • Use Handshake to research employment opportunities.<br>• Complete an in person or virtual practice interview.<br>• Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree. |
| HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 80 - 89 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | • Schedule an appointment with your advisor to review your academic progress.<br>• Plan for in-person laboratory attendance in summer. |
| HCR 343: Historical and Cultural Foundations of Integrative Health Care | 3 | C | |
| CHM 234: General Organic Chemistry II | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Summer 6 89 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | • ASU Online students will complete all experiments for the Organic Chemistry labs at the Tempe campus of ASU during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| Term hours subtotal: | 1 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Explore graduate programs including ASU's Master of Healthcare Innovation, the MS in Regulatory Science, and the MS in Aging programs.<br>• Gather professional references.<br>• Update your resume. |
| HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| HCR 440: Interprofessional Approaches to Integrative Health Care | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| HCR 406: Health Literacy for Health Care Professionals | 3 | C |
| SWU 349: Stress Management Tools II (SB) OR SWU 350: Whole Person Health Across the Lifespan (SB) | 3 | C |
| Term hours subtotal: | 6 | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 441: Legal and Ethical Issues Impacting Integrative Health Care | 3 | C | • Apply for full-time career opportunities. |
| TWC 443: Grant & Proposal Writing | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Connect with us as a member of our alumni community. |
| HCR 449: Integrative Health Care Capstone | 3 | C | |
| Term hours subtotal: | 6 | | |

- The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.
- The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
- The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Nursing - Accelerated BSN, BSN

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, ASU@Lake Havasu, ASU@The Gila Valley
NUNURDBSN

- Completion of General Studies and composition requirements at a domestic institution accredited by an organization recognized by ASU as certified on the official transcript will fulfill lower-division General Studies and composition requirements. Certification of completed general studies may include completion of general education package (ex: AGEC, CSUGE, IGETC); an associate of arts degree or bachelor's degree; or comparable as documented on an official transcript.
- Students must have first-year composition and lower-division general studies completed when submitting an application for advancement.

| **Term 4** 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | • Meet with a member of the Edson College Student Services team to review the advancement requirements.<br>• View the Accelerated BSN Prelicensure Clinical Nursing Program Information Session.<br>• Students interested in graduating with Academic Recognition must have a minimum of 56 credit hours of resident credit at ASU to qualify. Students should complete the additional six hours at ASU prior to starting the Accelerated BSN Prelicensure Clinical Nursing Program (which is a total of 50 hours). For more details, please visit review the University Undergraduate Graduation Requirements. |
| CHM 101: Introductory Chemistry (SQ) | 4 | C | |
| HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Minimum 3.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| **Term 5** 17 - 31 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Contact the Edson College of Nursing and Health Innovation Student Services office for the most recent copy of the Advancement Guide. |
| CDE 232: Human Development (SB) | 3 | C | |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Minimum 3.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| **Term 6** 31 - 35 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 240: Human Pathophysiology | 4 | C | |
| Minimum 3.50 GPA ASU Cumulative. | | | |

| | | |
|---|---|---|
| Milestone: Students must be placed in the Accelerated Clinical Nursing Program by Edson College Student Services. Placement is not guaranteed. There may be more applicants than clinical space allows. | | |
| Term hours subtotal: | 4 | |

| Term 7 35 - 52 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NUR 311: Pharmacology in Nursing | 3 | C | • Activate your Handshake account and build out your profile.<br>• Join a professional organization.<br>• Develop your professional online presence .<br> |
| NUR 330: Professional Nurse Attributes (HU) | 3 | C | |
| NUR 356: Nursing Concepts: Fundamentals and Adult Health | 5 | C | |
| NUR 366: Nursing Practice: Adults and Elders | 6 | Y | |
| Term hours subtotal: | 17 | | |

| Summer 7 52 - 68 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NUR 315: Nursing Research and Application to Practice (L) | 3 | C | • Gather professional and academic references.<br>• Explore graduate programs. |
| NUR 317: Nursing Concepts for Psychiatric/Mental Health Nursing | 2 | C | |
| NUR 367: Nursing Practice: Psychiatric Mental Health--Postbaccalaureate BSN | 2 | Y | |
| NUR 384: Gerontological Nursing | 1 | C | |
| NUR 415: Nursing Concepts for Childbearing Family | 2 | C | |
| NUR 417: Nursing Concepts: Pediatric Clients | 2 | C | |
| NUR 475: Nursing Practice: Care of the Childbearing Family - Post Baccalaureate | 2 | Y | |
| NUR 477: Nursing Practice: Pediatric Clients | 2 | Y | |
| Term hours subtotal: | 16 | | |

| Term 8 68 - 85 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NUR 416: Nursing Concepts: Community/Public Health | 3 | C | • Study for the National Council Licensure Examination (NCLEX).<br>• Apply for full-time career opportunities.<br>• Complete an in person or virtual practice interview.<br>• Connect with us as a member of our alumni community. |
| NUR 418: Nursing Concepts: Complex Care | 3 | C | |
| NUR 419: Leading and Managing Nursing in Organizational Systems | 2 | C | |
| NUR 431: Professional Nurse Attributes Innovative Professional | 3 | C | |
| NUR 476: Nursing Practice: Community and Public Health | 2 | Y | |
| NUR 478: Nursing Practice: Complex Care | 2 | Y | |
| NUR 479: Nursing Practice: Clinical Immersion | 2 | Y | |
| Term hours subtotal: | 17 | | |

Placement into the Accelerated BSN prelicensure clinical nursing program is based on clinical space availability. In addition to the application to ASU, there is a separate advancement process to be selected for placement. Prospective students should consult with the Edson College of Nursing and Health Innovation student academic services for the advancement requirements, including prerequisites, TEAS requirement, and immunization/background requirements. Students should also view the Accelerated BSN Prelicensure Clinical Nursing Program Information Session. Completion of General Studies and composition requirements at a domestic institution accredited by an organization

recognized by ASU as certified on the official transcript will fulfill ASUÂ¿s lower-division General Studies and composition requirements. Certification of completed general studies may include completion of general education package (ex: AGEC, CSUGE, IGETC); an associate of arts degree or bachelorÂ¿s degree; or comparable as documented on an official transcript. These students are still required to fulfill lower-division program requirements and prerequisites within their college and major and minor areas of study. Additionally, students must still take six upper-division credit hours (three for L and three for SB or HU) to complete the ASU university-level graduation requirements. If students transfer from Arizona community colleges without completing the AGEC or from other accredited postsecondary institutions, they receive credit for General Studies based on course-by-course equivalency. Students should see the Arizona General Education Curriculum page.
All students must have first year composition and lower-division general studies completed at the time advancement is requested.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 85
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Nursing - Traditional BSN, BSN

School/College: Edson College of Nursing and Health Innovation
Location: Downtown Phoenix campus, ASU@Lake Havasu, ASU@The Gila Valley
NUNURDBSN

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ASU 101-NU: The ASU Experience | 1 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• In order to advance into the Traditional Prelicensure Clinical Nursing Program, students must meet all of the Continuing Eligibility Criteria each semester (see bottom of major map for more details).<br>• Select your career interest area and play me3@ASU.<br>• Activate your Handshake account and build out your profile.<br>• Create a first draft resume.<br>• Explore Study Abroad options. |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| HCR 210: Ethics for the Health Care Professional (HU) | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Maintain 3.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | • In order to advance into the Traditional Prelicensure Clinical Nursing Program, students must meet all of the Continuing Eligibility Criteria each semester (see bottom of major map for more details).<br>• Build your professional connections -- join the ASU Mentor Network.<br>• Join a student club or professional organization.<br>• Secure a part-time job or volunteer experience.<br>• Explore options for summer employment.<br>• Apply for summer Study Abroad. |
| CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | 3 | C | |
| Approved Statistics Course AND Computer/Statistics/Quantitative Applications (CS) | 3 | C | |
| Maintain 3.50 GPA in Critical Tracking Courses. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | |

| | | |
|---|---|---|
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C |
| HCR 230: Culture and Health (C & G) | 3 | C |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C |
| Maintain 3.50 GPA in Critical Tracking Courses. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

- In order to advance into the Traditional Prelicensure Clinical Nursing Program, students must meet all of the Continuing Eligibility Criteria each semester (see bottom of major map for more details).
- Develop your skills.
- Meet with your academic success advisor to review the advancement requirements, including health and safety expectations.

| **Term 4** 44 - 57 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| HCR 240: Human Pathophysiology | 4 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Elective | 3 | | |
| Maintain 3.50 GPA in Critical Tracking Courses. | | | |
| Milestone: Completion of all non-coursework Nursing requirements (e.g. immunizations/titers, fingerprint clearance card, background check, CPR/BLS certification, etc.) for continuation into the Traditional Prelicensure Clinical Nursing Program. | | | |
| Term hours subtotal: | 13 | | |

- In order to advance into the Traditional Prelicensure Clinical Nursing Program, students must meet all of the Continuing Eligibility Criteria each semester (see bottom of major map for more details).
- Submit your Clinical Nursing Advancement Application by February 1 for summer/fall start or September 1 for spring start.

| **Term 5** 57 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NUR 325: Health and Illness Concepts I | 3 | C | |
| NUR 330: Professional Nurse Attributes (HU) | 3 | C | |
| NUR 336: Experiential Learning | 3 | C | |
| NUR 346: Nursing Practice: Geriatric and Adult Health | 3 | Y | |
| NUR 352: Fundamental Concepts in Nursing | 3 | C | |
| Term hours subtotal: | 15 | | |

- Develop your professional online presence.

| **Term 6** 72 - 88 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NUR 315: Nursing Research and Application to Practice (L) | 3 | C | |
| NUR 326: Health and Illness Concepts: Adults and Psychiatric/Mental Health | 4 | C | |
| NUR 337: Experiential Learning: Intermediate | 3 | C | |
| NUR 347: Nursing Practice: Psychiatric/Mental Health and Childbearing Family | 3 | Y | |
| NUR 353: Integration of Concepts Across the Lifespan: Conception to End of Life | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

| **Term 7** 88 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NUR 404: Professional Nurse Concepts: Intermediate | 2 | C | |

- Gather professional and academic references.

| | | |
|---|---|---|
| NUR 425: Health and Illness Concepts: Adults and Pediatrics | 3 | C |
| NUR 436: Experiential Learning: Advanced | 3 | C |
| NUR 446: Nursing Practice: Pediatrics and Complex Care of Adults | 3 | Y |
| NUR 452: Concepts in Population-Based Health | 3 | C |
| NUR 458: Interprofessional Education and Collaboration Seminar | 3 | C |
| Term hours subtotal: | 17 | |

- Explore graduate programs.

| Term 8 105 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade |
|---|---|---|
| NUR 405: Professional Nurse Concepts: Advanced | 3 | C |
| NUR 426: Health and Illness Concepts Advanced | 3 | C |
| NUR 437: Experiential Learning: Readiness to Practice | 3 | C |
| NUR 448: Nursing Practice Readiness | 3 | Y |
| NUR 453: Integration Concepts in the Health Care (L) | 3 | C |
| Term hours subtotal: | 15 | |

Notes

- Study for the National Council Licensure Examination (NCLEX).
- Apply for full-time career opportunities.
- Connect with us as a member of our alumni community.

- Direct admit students must meet Continuing Eligibility Criteria each semester (terms 1-4) to advance into the traditional or accelerated prelicensure clinical nursing program. Advisors in the Edson College of Nursing and Health Innovation review criteria each semester.

  Continuing Eligibility Criteria:

  - Full-time enrollment at ASU (at least 12 credit hours per term; some scholarships require at least 15 credit hours per term).
  - Enroll in the courses following the published course sequence on the major map (taking courses according to term).
  - Courses taken at institutions other than ASU, during the required term, must have grades recorded on the ASU system by the final Session C grading deadline per the ASU Academic Calendar.
  - 3.50 minimum semester critical (prerequisite) course GPA in terms 1-4 (includes +/- in computation)
  - Grades of C or better in critical (prerequisite) courses
  - Successful completion of all screening items
  - Any deviation from the approved major map requires a petition and approval from the academic program. Please consult with your advisor for more information.

Hide Course List(s)/Track Group(s)

Approved Statistics (CS) Courses

EDP 454: Statistical Data Analysis in Education (CS)

PAF 301: Applied Statistics (CS)

SBS 304: Social Statistics I (CS)

SOC 390: Social Statistics I (CS)

STP 226: Elements of Statistics (CS)

STP 231: Statistics for Life Science (CS)

SWU 321: Statistics for Social Workers (CS)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Nursing, BSN

School/College: Edson College of Nursing and Health Innovation
Location: Online, ASU Local@Los Angeles
NUNURDBSN

| Term 5 - A 0 - 3 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ TWC 361: Writing for Health Care Management (L) | 3 | C | • Activate your Handshake account and build your profile.<br>• Update your resume. |
| Term hours subtotal: | 3 | | |

| Term 5 - B 3 - 7 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NUR 391: Professional Nursing Theory (L) | 4 | C | • Join a professional organization.<br>• Build your professional connections -- join the ASU Mentor Network. |
| Term hours subtotal: | 4 | | |

| Term 6 - A 7 - 11 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NUR 318: Nursing Research and Evidence Translation (L) | 4 | C | • Develop your professional online presence. |
| Term hours subtotal: | 4 | | |

| Term 6 - B 11 - 15 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NUR 392: Health Promotion Across the Life Span | 4 | C | • Build your skills. |
| Term hours subtotal: | 4 | | |

| Term 7 - A 15 - 19 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NUR 440: Community and Public Health Nursing in the United States | 4 | C | • Explore graduate programs. |
| Term hours subtotal: | 4 | | |

| Term 7 - B 19 - 23 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NUR 495: Public and Global Health in Nursing (G) | 4 | C | • Complete a virtual practice interview. |
| Term hours subtotal: | 4 | | |

| Term 8 - A 23 - 27 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NUR 460: The Art of Nursing (HU) | 4 | C | • Gather academic and professional references. |
| Term hours subtotal: | 4 | | |

| Term 8 - B 27 - 31 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NUR 444: Innovation in Nursing | 4 | C | • Update your resume.<br>• Apply for full-time career opportunities. |
| Term hours subtotal: | 4 | | |

| Term 9 - A 31 - 35 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NUR 445: Nursing Management in Health Care | 4 | C | • Connect with us as a member of our alumni community. |
| Term hours subtotal: | 4 | | |

| Term 9 - B 35 - 39 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ NUR 464: Capstone: The Synthesis of Professional Nursing | 4 | C | • Explore graduate nursing programs at ASU. |
| Term hours subtotal: | 4 | | |

- There are different options available for the Online RN to BSN including the Pathway, the Non-Pathway, and the Concurrent Enrollment Program. The prerequisites for each option vary and the number of courses needed to graduate from ASU with a BSN may vary. Students must see an RN to BSN academic advisor for more information about the prerequisites and the graduation requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 39
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Emergency Management), BAS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPEMGBAS

| **Applicable Community College Prerequisites 0 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AAS Transfer Degree Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| **Term 5 60 - 75 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ PAF 200: Public Service and Policy in the 21st Century | 3 | C | |
| ★ PAF 201: Economics and Public Policy (SB) | 3 | C | |
| ★ PAF 300: Public Management and Administration | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| **Term 6 75 - 90 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ PAF 301: Applied Statistics (CS) | 3 | C | • Use Handshake to research employment opportunities |
| ★ PAF 311: Leadership and Change (SB) | 3 | C | |
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | |
| ★ PAF 360: Emergency Management I | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 90 - 105 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ PAF 302: Public Service Research Methods | 3 | C | • Apply for full-time career opportunities |

| | | |
|---|---|---|
| PAF 410: Building Leadership Skills (SB) | 3 | C |
| PAF 424: Emergency Management II | 3 | C |
| PAF 460: Public Service Ethics | 3 | C |
| PAF 468: Planning and Exercises | 3 | C |
| Term hours subtotal: | 15 | |

| **Term 8 105 - 120 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| PAF 425: National Incident Management System (NIMS) | 3 | C | |
| PAF 469: Terrorism Defense | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Community Advocacy and Social Policy, BA

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus, West campus
PPCASPBA

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 171: Introduction to Social Work (SB & H) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Public Service Interdisciplinary Requirement | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | 3 | | • For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Join a student club or professional organization. |
| ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Public Service Interdisciplinary Requirement | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB) | 3 | | • By the end of term 4, students should have completed the following requirements:<br>1. ECN 211 or SWU 181<br>2. PHI 101 or PHI 105 or SWU 183<br>3. POS 110 or SWU 182 |
| Diversity and Oppressed Populations | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |

| | | | |
|---|---|---|---|
| Elective | 3 | | • Develop your skills. |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 291: Social Service Delivery Systems | 3 | C | • Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement. |
| Diversity and Oppressed Populations | 3 | | |
| Social Problems and Interventions | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete ECN 211 OR SWU 181 course. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 306: Ethics in Social Services (L) | 3 | C | • Develop your professional online presence. |
| SWU 350: Whole Person Health Across the Lifespan (SB) | 3 | C | |
| SWU 321: Statistics for Social Workers (CS) | 3 | | |
| Upper Division Diversity and Oppressed Populations | 3 | | |
| Upper Division Social Problems and Interventions | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 303: Micro Human Behavior and the Social Environment (L or SB) | 3 | C | • Use Handshake to research employment opportunities. |
| SWU 340: Macro Human Behavior and the Social Environment (SB) | 3 | C | |
| SWU 302: Human Biology for Social Workers | 3 | | |
| SWU 320: Research Methods in Social Work | 3 | C | |
| SWU 374: Diversity and Oppression in a Social Work Context (C) | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 332: Social Policy and Advocacy | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Diversity and Oppressed Populations | 3 | | |
| *Complete 2 courses:* Upper Division Social Problems and Interventions | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 488: Advocacy Strategies | 3 | C | |
| Upper Division Diversity and Oppressed Populations | 3 | | |
| Upper Division Social Problems and Interventions | 3 | | |
| Elective OR SWU 484: Internship | 3 | | |

Term hours subtotal: 12

- For the Public Service Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  Social Problems and Interventions:Courses focus on social problems that disproportionately affect members of oppressed populations and change strategies. Select five of the courses in this sequence; four courses must be SWU courses; 12 credits must be upper division.Diversity and Oppressed Populations:Courses focus on oppressed or marginalized populations and systems of oppression/domination. Select five of the courses in this sequence; two courses must be SWU courses; 9 credits must be upper division.For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of SWU 291 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Public Service Interdisciplinary Requirement-Area 1 | Public Service Interdisciplinary Requirement-Area 2 | Public Service Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 112: Identity, Service and American Democracy (SB & C) | CRD 302: Inclusive Community Development (SB & C) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 200: Public Service and Policy in the 21st Century | CRD 471: Interprofessional Education and Community Health |
| CRJ 203: Courts and Sentencing | PAF 201: Economics and Public Policy (SB) | CRD 472: Interprofessional Education and Complex Health |
| CRJ 204: Juvenile Justice | PAF 240: Urban Policy (C) | CRD 473: Interprofessional Education and Comprehensive Systems Health |
| CRJ 230: Introduction to Policing | PAF 311: Leadership and Change (SB) | CSM 201: Introduction to Community Sports |
| CRJ 240: Introduction to Corrections | PAF 410: Building Leadership Skills (SB) | NLM 160: Voluntary Action and Community Leadership (SB) |
| CRJ 260: Substantive Criminal Law | | NLM 220: Introduction to Nonprofit Organizations |
| CRJ 270: Community Justice (SB) | | PRM 120: Leisure and the Quality of Life (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | | PRM 364: Foundations of Recreation Therapy (SB) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | | PRM 380: Wilderness and Parks in America (SB & H) |
| CRJ 309: Criminology (SB) | | TDM 205: Introduction to Travel and Tourism (G) |
| CRJ 350: Law and Social Control (SB) | | TDM 458: International Tourism (G) |

| Public Service Interdisciplinary Requirement-Area 4 | Social Problems and Interventions | Diversity and Oppressed Populations |
|---|---|---|
| CPP Elective | AIS 180: Introduction to American Indian Studies (C) | AFR 210: Introduction to African American Studies (C) |
| | AIS 380: Contemporary Issues of American Indian Nations (C) | AFR 212: Introduction to Ethnic Studies in the U.S. (C) |
| | ASB 300: Food and Culture ((L or SB) & C) | |

ASB 462: Medical Anthropology: Culture and Health (SB & C)

CHS 201: International Indigenous Health

COM 463: Intercultural Communication in a Global Context (SB & G)

CRJ 204: Juvenile Justice

CRJ 461: Domestic Violence

HSC 210: Cultural Aspects of Health (C)

HST 339: Islam in the Modern World (HU & G)

JUS 332: Politics of Energy Policy and Justice

JUS 420: Women, Work, and Justice ((L or SB) & C)

SOC 241: Modern Social Problems (SB)

SOC 264: Gender and Society (SB & C)

SOC 270: Racial and Ethnic Relations (SB & C)

SOC 424: Women and Health (SB)

SPE 222: Orientation to Education of Exceptional Children (SB & C)

SWU 250: Stress Management Tools I (SB)

SWU 349: Stress Management Tools II (SB)

SWU 351: Sustainable Living, Mindful Eating (SB)

SWU 394: Ending Homelessness

SWU 416: Domestic Violence and National AmeriCorps Service

SWU 417: Technology, Interpersonal Relationships and Abuse

SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 458: Behavioral Health Services

SWU 460: Legal Issues in Social Work

SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

SWU 462: Global Social Welfare (G)

SWU 494: Restorative Spaces and Therapeutic Communities

SWU 498: Introduction Health Practice (L)

TCL 323: Latina/o Health Issues (SB & C)

AFR 370: Family Ethnic and Cultural Diversity (SB & C)

AFR 375: Race, Gender and Sport (SB & C)

AFR 494: The African American Rhetorical Tradition

AMS 380: Race, Gender, and Class (SB & C)

APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C)

APA 210: Introduction to Ethnic Studies in the U.S. (C)

APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)

APA 360: Chinese American ((HU or SB) & C)

ASB 346: Marriage and Family Diversity (SB & C)

CRJ 305: Gender, Crime, and Criminal Justice (C)

ETH 100: Ethnic and Indigenous Lives (SB & C)

FAS 370: Family Ethnic and Cultural Diversity (SB & C)

HRC 200: Introduction to Social and Cultural Analysis (SB & C)

HST 325: Immigration and Ethnicity in the United States (SB & H & C)

JUS 210: Introduction to Ethnic Studies in the U.S. (C)

JUS 235: Disability, Justice and Advocacy (C)

JUS 350: Immigration and Justice (SB & C)

MCO 460: Race, Gender, and Media (C)

MUS 410: History of Women in Music (HU & C & H)

POS 435: Women and Politics (SB & C)

REL 330: Native American Worldviews (HU & C)

SOC 270: Racial and Ethnic Relations (SB & C)

SOC 378: Migration and Society (SB & C)

SOC 418: Aging and the Life Course (SB & H)

TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)

TWC 454: Information Technology and Culture (C)

SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)

SWU 418: Global Violence Against Women

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 498: Working With American Indians (L)

WST 270: Global Perspectives on Women

WST 300: Women and Gender in Contemporary Society (SB & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Community Advocacy and Social Policy, BA

School/College: Watts College of Public Service & Community Solut
Location: Online, ASU Local@Los Angeles
PPCASPBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 171: Introduction to Social Work (SB & H) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | • View ASU Online first-year student registration information here. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | 3 | | • Mathematics Placement Assessment score determines placement in mathematics course<br>• By the end of term four, students should have completed the following requirements:<br>1. ECN 211 or SWU 181<br>2. PHI 101 or PHI 105 or SWU 183<br>3. POS 110 or SWU 182<br>• Join a student club or professional organization. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 32 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB) | 3 | | • Develop your skills. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 39 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Diversity and Oppressed Populations | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 291: Social Service Delivery Systems | 3 | C | • Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Public Service Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 321: Statistics for Social Workers (CS) | 3 | | |
| Diversity and Oppressed Populations | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 306: Ethics in Social Services (L) | 3 | C | |
| SWU 302: Human Biology for Social Workers | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 303: Micro Human Behavior and the Social Environment (L or SB) | 3 | C | |
| SWU 320: Research Methods in Social Work | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| SWU 350: Whole Person Health Across the Lifespan (SB) | 3 | C |
| Upper Division Diversity and Oppressed Populations | 3 | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 340: Macro Human Behavior and the Social Environment (SB) | 3 | C | |
| SWU 374: Diversity and Oppression in a Social Work Context (C) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Social Problems and Interventions | 3 | | • For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Develop your professional online presence. |
| Public Service Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 332: Social Policy and Advocacy | 3 | C | |
| Upper Division Social Problems and Interventions | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Social Problems and Interventions | 3 | | • Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Social Problems and Interventions | 3 | | |
| Elective OR SWU 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social Problems and Interventions | 3 | | • Apply for full-time career opportunities. |
| Upper Division Diversity and Oppressed Populations | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Diversity and Oppressed Populations | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|---|---|---|---|

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ SWU 488: Advocacy Strategies | 3 | C | |
| Term hours subtotal: | 3 | | |

- For the Public Service Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  Social Problems and Interventions - Courses focus on social problems that disproportionately affect members of oppressed populations and change strategies. Select five of the courses in this sequence; four courses must be SWU courses; 12 credits must be upper division.

  Diversity and Oppressed Populations - Courses focus on oppressed or marginalized populations and systems of oppression/domination. Select five of the courses in this sequence; two courses must be SWU courses; 9 credits must be upper division.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of SWU 291 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Public Service Interdisciplinary Requirement-Area 1 | Public Service Interdisciplinary Requirement-Area 2 | Public Service Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | CRD 302: Inclusive Community Development (SB & C) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | CSM 201: Introduction to Community Sports |
| CRJ 203: Courts and Sentencing | PAF 311: Leadership and Change (SB) | PRM 120: Leisure and the Quality of Life (SB) |
| CRJ 204: Juvenile Justice | PAF 410: Building Leadership Skills (SB) | PRM 364: Foundations of Recreation Therapy (SB) |
| CRJ 230: Introduction to Policing | | PRM 380: Wilderness and Parks in America (SB & H) |
| CRJ 240: Introduction to Corrections | | TDM 205: Introduction to Travel and Tourism (G) |
| CRJ 260: Substantive Criminal Law | | TDM 458: International Tourism (G) |
| CRJ 270: Community Justice (SB) | | |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | | |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | | |
| CRJ 309: Criminology (SB) | | |
| CRJ 350: Law and Social Control (SB) | | |

| Public Service Interdisciplinary Requirement-Area 4 | Social Problems and Interventions Courses | Diversity and Oppressed Populations Courses |
|---|---|---|
| CPP Elective | AIS 180: Introduction to American Indian Studies (C) | AFR 375: Race, Gender and Sport (SB & C) |

ASB 300: Food and Culture ((L or SB) & C)

ASB 462: Medical Anthropology: Culture and Health (SB & C)

CHS 201: International Indigenous Health

CRJ 204: Juvenile Justice

CRJ 461: Domestic Violence

HSC 210: Cultural Aspects of Health (C)

HST 339: Islam in the Modern World (HU & G)

SOC 241: Modern Social Problems (SB)

SOC 264: Gender and Society (SB & C)

SOC 270: Racial and Ethnic Relations (SB & C)

SOC 424: Women and Health (SB)

SPE 222: Orientation to Education of Exceptional Children (SB & C)

SWU 250: Stress Management Tools I (SB)

SWU 349: Stress Management Tools II (SB)

SWU 351: Sustainable Living, Mindful Eating (SB)

SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 458: Behavioral Health Services

SWU 460: Legal Issues in Social Work

SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

SWU 462: Global Social Welfare (G)

SWU 498: Introduction Health Practice (L)

TCL 323: Latina/o Health Issues (SB & C)

TWC 454: Information Technology and Culture (C)

AMS 380: Race, Gender, and Class (SB & C)

APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)

CRJ 305: Gender, Crime, and Criminal Justice (C)

FAS 370: Family Ethnic and Cultural Diversity (SB & C)

HST 325: Immigration and Ethnicity in the United States (SB & H & C)

JUS 350: Immigration and Justice (SB & C)

MCO 460: Race, Gender, and Media (C)

MUS 410: History of Women in Music (HU & C & H)

POS 435: Women and Politics (SB & C)

REL 330: Native American Worldviews (HU & C)

SOC 270: Racial and Ethnic Relations (SB & C)

SOC 378: Migration and Society (SB & C)

SOC 418: Aging and the Life Course (SB & H)

SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 498: Working With American Indians (L)

WST 300: Women and Gender in Contemporary Society (SB & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Community Development, BA

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPCOMDEVBA

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 100: Introduction to Community Development | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 34 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 200: Foundations of Community Development | 3 | C | • Network in your career interest area<br>• Once second language requirement is completed, students take elective credit. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 34 - 50 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • Secure volunteer experience to start your 200 career field exploration hours<br>• Once second language requirement is completed, students take elective credit. |
| Interdisciplinary Requirement | 3 | | |

| | | | |
|---|---|---|---|
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Students can choose courses from any of the four Interdisciplinary Areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| **Term 4 50 - 65 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • Once second language requirement is completed, students take elective credit.<br>• Students choose one emphasis area from below. Students will complete 6 courses (3 courses must be upper-division in Terms 6 and 7). |
| Emphasis Elective | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 2 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| **Term 5 65 - 81 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CRD 301: Sustainable Communities | 3 | C | • Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement.<br>• Develop your skills |
| *Complete 2 courses:*<br>Emphasis Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| **Term 6 81 - 96 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | • Successful completion of CRD 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your professional online presence |
| CRD 402: Assessment and Evaluation of Community Services | 3 | C | |
| CRD 300: Research Methods and Applied Skills | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Emphasis Elective | 6 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| **Term 7 96 - 108 Credit Hours Necessary course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| CRD 403: Leadership and Professional Development | 3 | C | • Research employment/internship opportunities |
| Upper Division Emphasis Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

| | | **Minimum** | |
|---|---|---|---|

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|---|---|---|
| ★ CRD 400: Capstone: Leadership, Applied Skills and Community Development | 3 | C | |
| CRD 484: Internship | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of CRD 301 or CRD 402 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 1 |
|---|
| CRJ 100: Introduction to Criminal Justice (SB) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices |
| CRJ 203: Courts and Sentencing |
| CRJ 204: Juvenile Justice |
| CRJ 230: Introduction to Policing |
| CRJ 240: Introduction to Corrections |
| CRJ 260: Substantive Criminal Law |
| CRJ 270: Community Justice (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) |
| CRJ 309: Criminology (SB) |
| CRJ 350: Law and Social Control (SB) |

| Interdisciplinary Requirement - Area 2 |
|---|
| PAF 112: Identity, Service and American Democracy (SB & C) |
| PAF 200: Public Service and Policy in the 21st Century |
| PAF 201: Economics and Public Policy (SB) |
| PAF 240: Urban Policy (C) |
| PAF 311: Leadership and Change (SB) |
| PAF 410: Building Leadership Skills (SB) |

| Interdisciplinary Requirement - Area 3 |
|---|
| SWU 171: Introduction to Social Work (SB & H) |
| SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| SWU 181: Economics: A Social Issues Perspective |
| SWU 182: Social Services Perspective of Government (SB) |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| SWU 250: Stress Management Tools I (SB) |
| SWU 349: Stress Management Tools II (SB) |
| SWU 456: Immigrants and Refugees (C) |
| SWU 458: Behavioral Health Services |
| SWU 459: Spirituality and the Helping Professions |
| SWU 460: Legal Issues in Social Work |
| SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
|---|
| CPP Elective |

| Nonprofit Leadership and Management Emphasis |
|---|
| NLM 160: Voluntary Action and Community Leadership (SB) |
| NLM 220: Introduction to Nonprofit Organizations |

| Public Policy Emphasis |
|---|
| PAF 200: Public Service and Policy in the 21st Century |
| PAF 201: Economics and Public Policy (SB) |
| PAF 240: Urban Policy (C) |

NLM 300: Fund Raising and Resource Development

NLM 310: Volunteer Management

NLM 380: Financial Management for Nonprofit Organizations

NLM 410: Social Entrepreneurship

NLM 430: Managing Nonprofit Organizations (L)

NLM 435: Service Learning for Community Development

NLM 451: Grant Writing

PAF 300: Public Management and Administration

PAF 301: Applied Statistics (CS)

PAF 302: Public Service Research Methods

PAF 305: Urban Governance

PAF 311: Leadership and Change (SB)

PAF 340: Contemporary Policy Challenges

PAF 360: Emergency Management I

PAF 405: Citizen Engagement and Community Building

PAF 406: Public Administration and Community Development

PAF 410: Building Leadership Skills (SB)

PAF 420: Managing Across Boundaries

PAF 471: Public Policy Analysis

Sustainability Emphasis

SOS 100: Introduction to Sustainability (G)

SOS 110: Sustainable World (SB)

SOS 111: Sustainable Cities ((HU or SB) & G)

SOS 181: Technological, Social, and Sustainable Systems (HU)

SOS 220: Systems Thinking

SOS 310: Equity, Justice and Sustainability

SOS 311: Future Thinking and Strategies

SOS 330: Sustaining the Commons (L)

Social Determinants of Health Emphasis

CRD 471: Interprofessional Education and Community Health

CRD 472: Interprofessional Education and Complex Health

CRD 473: Interprofessional Education and Comprehensive Systems Health

EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)

HCD 303: Global Health Care Systems (G)

HCR 230: Culture and Health (C & G)

HCR 231: Fundamentals of Community Health

HCR 302: Social Determinants of Health

HEP 102: Foundations of Health Education and Health Promotion

HEP 444: Epidemiology

HEP 476: Community Health

MED 445: Prevention and Management of Chronic Disease

PBH 422: Health Disparities and Access to Health

POP 100: Introduction to Population Health

PRM 440: Advocacy in Therapeutic Recreation

American Indian Emphasis

AIS 180: Introduction to American Indian Studies (C)

AIS 285: Federal Indian Policy (H & C)

AIS 320: American Indian Philosophies and World Views (HU & C)

AIS 360: Issues in Urban Indian Country (C)

AIS 375: Innovation for American Indian Sustainability

AIS 380: Contemporary Issues of American Indian Nations (C)

AIS 385: Entrepreneurship for American Indian Sustainability

AIS 470: Tribal Governance

| | |
|---|---|
| | PRM 450: Therapeutic Recreation and Community Health |
| Tourism and Recreation Management Emphasis | |
| TDM 205: Introduction to Travel and Tourism (G) | |
| TDM 345: Meeting and Convention Planning | |
| TDM 372: Tourism Planning (L) | |
| TDM 401: Tourism Management | |
| TDM 458: International Tourism (G) | |
| TDM 480: Sustainable Tourism | |
| TDM 481: Sustainable Food Management in Tourism | |
| TDM 482: Sustainable Revenue Management | |
| PRM 120: Leisure and the Quality of Life (SB) | |
| PRM 304: Recreation Planning and Facility Development (L) | |
| PRM 315: Community Recreation Systems | |
| PRM 335: Sports and Recreation for Youth Development | |
| PRM 350: Tourism, Recreation and Sports Marketing | |
| PRM 364: Foundations of Recreation Therapy (SB) | |
| PRM 370: Public Lands Management | |
| PRM 380: Wilderness and Parks in America (SB & H) | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Community Sports Management, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPCSMBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Secure experience to start your 200 career field exploration hours |
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • Build your professional connections --- join the ASU Mentor Network<br>• Secure experience to start your 200 career field exploration hours |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSM 201: Introduction to Community Sports | 3 | C | • Secure volunteer experience to start your 200 career field exploration hours<br>• CSM 201 - offered in Fall semester only<br>• Secureexperienceto continue your 200 career field exploration hours |
| CSM 203: Program Planning | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Secureexperienceto continue your 200 career field exploration hours |
| CSM Elective | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 301: Sustainable Communities | 3 | C | • Successful completion of CRD 301 or PRM 315 will satisfy the college Solution-Based Learning (SBL) Requirement.<br>• Develop your skills<br>• PRM 315 - offered in Fall semester only<br>• Secure experience to continue your 200 career field exploration hours |
| PRM 315: Community Recreation Systems | 3 | C | |
| CSM 306: Advanced Programming and Facilitation | 3 | C | |
| CSM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| CSM Elective | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | • Successful completion of CSM 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your professional online presence<br>• CSM 305 and CSM 401 - offered in Spring semester only<br>• Secureexperienceto continue your 200 career field exploration hours |
| CSM 305: Sports Facility Operations and Management | 3 | C | |
| CSM 402: Assessment and Evaluation of Community Services | 3 | C | |
| CSM 401: Managing Leisure Enterprises | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 403: Leadership and Professional Development | 3 | C | • Use Handshake to research employment/internship opportunities<br>• CSM 407 - offered in Fall semester only<br>• Secure experience to complete your 200 career field exploration hours |
| CSM 407: Ethics and Legal Issues in Sports | 3 | C | |
| *Complete 2 courses:*<br>CSM Elective | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CSM 463: Senior Internship | 12 | C | • Successful completion of CSM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of CRD 301 or PRM 315 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 112: Identity, Service and American Democracy (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 200: Public Service and Policy in the 21st Century | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 201: Economics and Public Policy (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PAF 240: Urban Policy (C) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PAF 311: Leadership and Change (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | PAF 410: Building Leadership Skills (SB) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 | CSM Electives (12 credits - grade of 'C' required) |
|---|---|
| CPP Elective | CRD Elective |
| | CSM 335: Sports and Recreation for Youth Development |
| | CSM 453: Inclusive and Adaptive Sports and Recreation |
| | CSM 483: Sports Tourism |
| | CSM 485: Sports Events |
| | NLM 160: Voluntary Action and Community Leadership (SB) |

| |
|---|
| NLM 220: Introduction to Nonprofit Organizations |
| NLM 310: Volunteer Management |
| NLM 380: Financial Management for Nonprofit Organizations |
| NLM 410: Social Entrepreneurship |
| NLM Elective |
| PAF 240: Urban Policy (C) |
| PAF 410: Building Leadership Skills (SB) |
| PRM 145: Special Events Management |
| PRM 364: Foundations of Recreation Therapy (SB) |
| PRM 455: Recreational Therapy and Play with Children, Youth and Families |
| PRM 475: Entrepreneurial Recreation and Tourism |
| PRM Elective |
| SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| TDM 205: Introduction to Travel and Tourism (G) |
| TDM 458: International Tourism (G) |
| TDM Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Community Sports Management (Events), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPCSMEBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| CSM 201: Introduction to Community Sports | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • Secure volunteer experience to start your 200 career field exploration hours |
| CSM 203: Program Planning | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| PRM 145: Special Events Management | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 301: Sustainable Communities | 3 | C | • Successful completion of CRD 301 or PRM 315 will satisfy the college Solution-Based Learning (SBL) Requirement.<br>• Develop your skills |
| CSM 305: Sports Facility Operations and Management | 3 | C | |
| PRM 315: Community Recreation Systems | 3 | C | |
| CSM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| PRM 422: Special Event Technology and Production OR PRM 423: Special Event Operations OR PRM 427: Where's the Money: Special Event Revenue Generation OR PRM 487: Advanced Special Events Management OR PRM Elective OR CRD Elective OR NLM Elective OR TDM Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | • Successful completion of CSM 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your professional online presence |
| CSM 402: Assessment and Evaluation of Community Services | 3 | C | |
| CSM 407: Ethics and Legal Issues in Sports | 3 | C | |
| CSM 483: Sports Tourism | 3 | C | |
| NLM 310: Volunteer Management | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 403: Leadership and Professional Development | 3 | C | • Research employment and internship opportunities |
| CSM 401: Managing Leisure Enterprises | 3 | C | |
| CSM 485: Sports Events | 3 | C | |
| PRM 422: Special Event Technology and Production OR PRM 423: Special Event Operations OR PRM 427: Where's the Money: Special Event Revenue Generation OR PRM 487: Advanced Special Events Management OR PRM Elective OR CRD Elective OR NLM Elective OR TDM Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| CSM 463: Senior Internship | 12 | C | • Successful completion of CSM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of CRD 301, PRM 315, CSM 463, or CSM 402 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 |
|---|
| CRJ 100: Introduction to Criminal Justice (SB) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices |
| CRJ 203: Courts and Sentencing |
| CRJ 204: Juvenile Justice |
| CRJ 230: Introduction to Policing |
| CRJ 240: Introduction to Corrections |
| CRJ 260: Substantive Criminal Law |
| CRJ 270: Community Justice (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) |
| CRJ 309: Criminology (SB) |
| CRJ 350: Law and Social Control (SB) |

| Interdisciplinary Requirement-Area 2 |
|---|
| PAF 112: Identity, Service and American Democracy (SB & C) |
| PAF 200: Public Service and Policy in the 21st Century |
| PAF 201: Economics and Public Policy (SB) |
| PAF 240: Urban Policy (C) |
| PAF 311: Leadership and Change (SB) |
| PAF 410: Building Leadership Skills (SB) |

| Interdisciplinary Requirement-Area 3 |
|---|
| SWU 171: Introduction to Social Work (SB & H) |
| SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| SWU 181: Economics: A Social Issues Perspective |
| SWU 182: Social Services Perspective of Government (SB) |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| SWU 250: Stress Management Tools I (SB) |
| SWU 349: Stress Management Tools II (SB) |
| SWU 456: Immigrants and Refugees (C) |
| SWU 458: Behavioral Health Services |
| SWU 459: Spirituality and the Helping Professions |
| SWU 460: Legal Issues in Social Work |
| SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
|---|
| CPP Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Criminology and Criminal Justice, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus, West campus, ASU@Lake Havasu, ASU@Tucson, ASU@Yuma
PPCRIMJBS

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• Select your career interest area and play me3@ASU |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 201: Criminal Justice Crime Control Policies and Practices | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups.To meet the requirement, students must take two courses from at least two different groups.<br>• Secure a part-time job or volunteer experience<br>• Explore study abroad options |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections | 6 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups.To meet the requirement, students must take two courses from at least two different groups.<br>• Create a first draft resume<br>• Explore study abroad options |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections | 3 | C | • The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits.<br>• Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information.<br>• Develop your professional online presence<br>• Explore study abroad options<br>• Explore an internship |
| Solution-Based Learning (SBL) Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 302: Research Methods (L) | 3 | C | • Explore study abroad options<br>• Explore an internship |
| CRJ 2** Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 303: Statistical Analysis (CS) | 3 | C | • Explore study abroad options<br>• Explore an internship |
| CRJ 309: Criminology (SB) | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 305: Gender, Crime, and Criminal Justice (C) OR CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | 3 | C | • Research employment opportunities<br>• Complete an in person or virtual practice interview<br>• Explore an internship |
| CRJ 4** Elective | 3 | C | |
| *Complete 2 courses:*<br>CRJ 3** Elective OR CRJ 4** Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 3 courses:*<br>CRJ 4** Elective | 9 | C | • Gather professional references<br>• Apply for full-time career opportunities |
| Upper Division Related Area Course | 3 | C | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) Requirement:

- Students must complete SBL coursework for a total of 3 credits by degree completion.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement - Area 3 |
|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | PAF 112: Identity, Service and American Democracy (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
| CRD 471: Interprofessional Education and Community Health | PAF 200: Public Service and Policy in the 21st Century | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRD 472: Interprofessional Education and Complex Health | PAF 201: Economics and Public Policy (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRD 473: Interprofessional Education and Comprehensive Systems Health | PAF 240: Urban Policy (C) | SWU 182: Social Services Perspective of Government (SB) |
| CSM 201: Introduction to Community Sports | PAF 311: Leadership and Change (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| NLM 160: Voluntary Action and Community Leadership (SB) | PAF 410: Building Leadership Skills (SB) | SWU 250: Stress Management Tools I (SB) |
| NLM 220: Introduction to Nonprofit Organizations | | SWU 349: Stress Management Tools II (SB) |
| PRM 120: Leisure and the Quality of Life (SB) | | SWU 456: Immigrants and Refugees (C) |
| PRM 364: Foundations of Recreation Therapy (SB) | | SWU 458: Behavioral Health Services |
| PRM 380: Wilderness and Parks in America (SB & H) | | SWU 459: Spirituality and the Helping Professions |
| TDM 205: Introduction to Travel and Tourism (G) | | SWU 460: Legal Issues in Social Work |
| TDM 458: International Tourism (G) | | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 | Solution-Based Learning (SBL) Requirement | Related Area Courses |
|---|---|---|
| CPP Elective | CPP 350: Community Works | AIS 360: Issues in Urban Indian Country (C) |
| | CPP 353: Community Impact Lab | AIS 380: Contemporary Issues of American Indian Nations (C) |
| | CRD 301: Sustainable Communities | ASB 305: Poverty and Global Health ((L or SB) & G) |
| | CRD 435: Service Learning for Community Development | COM 312: Communication, Conflict, and Negotiation |
| | CRD 471: Interprofessional Education and Community Health | COM 314: Inner-City Families: The Cycle of Poverty |
| | CRD 472: Interprofessional Education and Complex Health | |

- CRD 473: Interprofessional Education and Comprehensive Systems Health
- CRJ 317: Inside-Out Prison Exchange Program
- CRJ 394: Comparative Organized Crime
- CRJ 394: The British Roots of U.S. Criminal Justice
- CRJ 455: Police and International Terrorism
- CRJ 456: Etiology of Martyrdom
- CRJ 484: Internship
- CRJ 492: Honors Directed Study
- CRJ 493: Honors Thesis (L)
- CRJ 496: Directed Research
- CRJ 499: Individualized Instruction
- NLM 160: Voluntary Action and Community Leadership (SB)
- NLM 435: Service Learning for Community Development
- PRM 145: Special Events Management
- PRM 203: Program Planning
- PRM 315: Community Recreation Systems
- PRM 370: Public Lands Management
- SWU 291: Social Service Delivery Systems
- SWU 394: Ending Homelessness
- TDM 345: Meeting and Convention Planning
- COM 319: Persuasion and Social Influence (SB)
- COM 325: Advanced Public Speaking and Presentations (L)
- COM 326: Court Room Oratory
- COM 414: Crisis Communication
- COM 421: Rhetoric of Social Issues (HU)
- CPP 350: Community Works
- CPP 353: Community Impact Lab
- CRD 302: Inclusive Community Development (SB & C)
- ENG 301: Writing for the Professions (L)
- ENG 302: Business Writing (L)
- ENG 311: Persuasive Writing (L)
- HST 322: Constitutional History of the United States Since 1865 (H)
- HST 325: Immigration and Ethnicity in the United States (SB & H & C)
- HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
- HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
- HST 334: African American History Since 1865 ((HU or SB) & C & H)
- HST 338: American Indian History since 1900 ((HU or SB) & C & H)
- HST 454: History of Genocide (G & H)
- IAS 300: Career Strategies and Personal Resilience (L or SB)
- JUS 329: Domestic Violence (SB)
- JUS 350: Immigration and Justice (SB & C)
- JUS 370: Cultural Diversity and Justice ((L or HU) & C)
- JUS 374: The Holocaust, Genocide, and Human Rights
- JUS 410: Punishment: Logic and Approach
- JUS 432: Racial Justice (L)
- JUS 465: Death Penalty in the United States (L)
- JUS 467: Terrorism, War, and Justice (SB)
- JUS 477: Youth and Justice (L or SB)

- LAW 310: The Global Legal Community
- PAF 300: Public Management and Administration
- PAF 305: Urban Governance
- PAF 311: Leadership and Change (SB)
- PAF 340: Contemporary Policy Challenges
- PAF 351: Urban and Metropolitan Studies
- PAF 410: Building Leadership Skills (SB)
- PAF 460: Public Service Ethics
- PAF 469: Terrorism Defense
- PHI 306: Applied Ethics (HU)
- PHI 307: Philosophy of Law (HU)
- PHI 336: Social and Political Philosophy (HU)
- PHI 360: Business and Professional Ethics (HU)
- PHI 406: Moral Dilemmas (L or HU)
- POS 310: American National Government (SB)
- POS 325: Public Policy Development (SB)
- POS 346: Problems of Democracy (HU)
- POS 364: National Security, Intelligence, and Terrorism (SB)
- POS 370: Law and Society (SB)
- POS 442: American Political Thought (HU)
- POS 467: International Security (SB & G)
- POS 470: Law and the Political Order (SB)
- POS 471: Constitutional Law I (SB)
- POS 472: Constitutional Law II (SB)
- POS 480: Global Justice (G)
- PSY 350: Social Psychology (SB)
- PSY 366: Abnormal Psychology (SB)
- PSY 368: Forensic Psychology
- PSY 443: Abnormal Child Psychology (L or SB)
- PUP 301: Introduction to Urban Planning (L)
- REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)

- REL 381: Religion and Moral Issues (L or HU)
- SGS 320: Mechanisms of Global Governance
- SGS 340: Violence, Conflict and Human Rights
- SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G)
- SOC 312: Adolescence (SB)
- SOC 332: The Modern City (G)
- SOC 340: The Sociology of Deviance (SB)
- SOC 352: Social Change (SB & G & H)
- SOC 360: Sociological Psychology (SB)
- SOC 363: Men and Masculinity (SB)
- SOC 426: Social Inequality (SB)
- STS 364: Science, Technology, and National Security (SB)
- SWU 454: Overview of Addictions
- SWU 456: Immigrants and Refugees (C)
- SWU 457: Southwest Borderland Immigration Issues (C)
- SWU 460: Legal Issues in Social Work
- SWU 498: Sex Trafficking Research Practicum (L)
- TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)
- TCL 332: Mexican American History Since 1900 (SB & H & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

# Criminology and Criminal Justice, BS

School/College: Watts College of Public Service & Community Solut
Location: Online, ASU Local@Los Angeles
PPCRIMJBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year registration information here.<br>• Select your career interest area and play me3@ASU |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 20 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | • Secure a part-time job or volunteer experience<br>• Explore study abroad options |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 201: Criminal Justice Crime Control Policies and Practices | 3 | C | • Explore study abroad options |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections | 3 | C | • Create a first draft resume<br>• Explore study abroad options |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 33 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections | 3 | C | • Explore study abroad options |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 39 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections | 3 | C | • Explore study abroad options<br>• Explore an internship |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Interdisciplinary Requirement | 3 | | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups.To meet the requirement, students must take two courses from at least two different groups.<br>• Develop your professional online presence<br>• Explore study abroad options<br>• Explore an internship |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 302: Research Methods (L) | 3 | C | • Explore study abroad options<br>• Explore an internship |
| CRJ 2** Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 303: Statistical Analysis (CS) | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups.To meet the requirement, students must take two courses from at least two different groups.<br>• Explore study abroad options<br>• Explore an internship |
| Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 305: Gender, Crime, and Criminal Justice (C) OR CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | 3 | C | • Explore study abroad options<br>• Explore an internship |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Course | 3 | C | • The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits.<br>• Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information.<br>• Explore study abroad options<br>• Explore an internship |
| Solution-Based Learning (SBL) Requirement | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 309: Criminology (SB) | 3 | C | • Explore study abroad options<br>• Explore an internship |
| Upper Division Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CRJ 3** Elective OR CRJ 4** Elective | 3 | C | • Explore study abroad options<br>• Explore an internship |
| Upper Division Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CRJ 3** Elective OR CRJ 4** Elective | 3 | C | • Explore study abroad options<br>• Explore an internship |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CRJ 4** Elective | 3 | C | • Use Handshake to research employment opportunities<br>• Explore study abroad options<br>• Explore an internship |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CRJ 4** Elective | 3 | C | • Complete an in person or virtual practice interview<br>• Explore an internship |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CRJ 4** Elective | 3 | C | • Explore an internship |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| CRJ 4** Elective | 3 | C | • Gather professional references |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | • Apply for full-time career opportunities |
| Term hours subtotal: | 3 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete SBL coursework for a total of 3 credits by degree completion.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement - Area 3 |
|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | SWU 171: Introduction to Social Work (SB & H) | PAF 200: Public Service and Policy in the 21st Century |
| CSM 201: Introduction to Community Sports | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) | PAF 201: Economics and Public Policy (SB) |
| PRM 120: Leisure and the Quality of Life (SB) | SWU 181: Economics: A Social Issues Perspective | PAF 311: Leadership and Change (SB) |
| PRM 364: Foundations of Recreation Therapy (SB) | SWU 182: Social Services Perspective of Government (SB) | PAF 410: Building Leadership Skills (SB) |
| PRM 380: Wilderness and Parks in America (SB & H) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| TDM 205: Introduction to Travel and Tourism (G) | SWU 250: Stress Management Tools I (SB) | |
| TDM 458: International Tourism (G) | SWU 349: Stress Management Tools II (SB) | |
| | SWU 456: Immigrants and Refugees (C) | |
| | SWU 458: Behavioral Health Services | |
| | SWU 460: Legal Issues in Social Work | |
| | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) | |

| Interdisciplinary Requirement-Area 4 | Solution-Based Learning (SBL) Requirement | Related Area Courses |
|---|---|---|
| CPP Elective | CPP 350: Community Works | ASB 305: Poverty and Global Health ((L or SB) & G) |
| | CPP 353: Community Impact Lab | COM 312: Communication, Conflict, and Negotiation |
| | CRD 435: Service Learning for Community Development | COM 319: Persuasion and Social Influence (SB) |
| | CRJ 394: Comparative Organized Crime | COM 414: Crisis Communication |

- CRJ 394: The British Roots of U.S. Criminal Justice
- CRJ 455: Police and International Terrorism
- CRJ 456: Etiology of Martyrdom
- CRJ 484: Internship
- CRJ 499: Individualized Instruction
- NLM 435: Service Learning for Community Development
- PRM 145: Special Events Management
- PRM 203: Program Planning
- SWU 291: Social Service Delivery Systems
- SWU 394: Ending Homelessness
- TDM 345: Meeting and Convention Planning
- CPP 350: Community Works
- CPP 353: Community Impact Lab
- CRD 302: Inclusive Community Development (SB & C)
- ENG 301: Writing for the Professions (L)
- ENG 302: Business Writing (L)
- ENG 311: Persuasive Writing (L)
- HST 325: Immigration and Ethnicity in the United States (SB & H & C)
- HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
- HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
- HST 338: American Indian History since 1900 ((HU or SB) & C & H)
- HST 454: History of Genocide (G & H)
- IAS 300: Career Strategies and Personal Resilience (L or SB)
- JUS 329: Domestic Violence (SB)
- JUS 350: Immigration and Justice (SB & C)
- JUS 374: The Holocaust, Genocide, and Human Rights
- JUS 432: Racial Justice (L)
- JUS 477: Youth and Justice (L or SB)
- PAF 300: Public Management and Administration
- PAF 311: Leadership and Change (SB)
- PAF 340: Contemporary Policy Challenges
- PAF 410: Building Leadership Skills (SB)
- PAF 460: Public Service Ethics
- PAF 469: Terrorism Defense
- PHI 306: Applied Ethics (HU)
- PHI 307: Philosophy of Law (HU)
- PHI 336: Social and Political Philosophy (HU)
- POS 346: Problems of Democracy (HU)
- PHI 360: Business and Professional Ethics (HU)
- POS 310: American National Government (SB)

POS 325: Public Policy Development (SB)

POS 364: National Security, Intelligence, and Terrorism (SB)

POS 370: Law and Society (SB)

POS 442: American Political Thought (HU)

POS 467: International Security (SB & G)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

PSY 350: Social Psychology (SB)

PSY 366: Abnormal Psychology (SB)

PSY 368: Forensic Psychology

PUP 301: Introduction to Urban Planning (L)

SGS 340: Violence, Conflict and Human Rights

SOC 312: Adolescence (SB)

SOC 332: The Modern City (G)

SOC 340: The Sociology of Deviance (SB)

SOC 352: Social Change (SB & G & H)

STS 364: Science, Technology, and National Security (SB)

SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 460: Legal Issues in Social Work

SWU 498: Sex Trafficking Research Practicum (L)

TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)

TCL 332: Mexican American History Since 1900 (SB & H & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Criminology and Criminal Justice (Policing), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus, West campus
PPCRJPOLBS

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• Select your career interest area and play me3@ASU |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 201: Criminal Justice Crime Control Policies and Practices | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Secure a part-time job or volunteer experience<br>• Explore study abroad options |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Create a first draft resume |
| CRJ 230: Introduction to Policing | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections | 3 | C | • The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of three credit hours.<br>• Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information.<br>• Develop your professional online presence<br>• Explore study abroad options<br>• Explore an internship |
| Solution-Based Learning (SBL) Requirement | 3 | | |
| CRJ 2** Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 302: Research Methods (L) | 3 | C | |
| CRJ 309: Criminology (SB) | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 303: Statistical Analysis (CS) | 3 | C | • Explore study abroad options<br>• Explore an internship |
| CRJ 315: Police Organization and Management | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 305: Gender, Crime, and Criminal Justice (C) OR CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | 3 | C | • Research employment opportunities<br>• Complete an in person or virtual practice interview<br>• Explore an internship<br>• Policing Concentration Elective: Choose one course from the list below. Students enrolling in CRJ 484 should have an internship with local, state, or federal police or law enforcement agency. Students may substitute other CRJ 494 topics if course focuses on a policing topic. |
| CRJ 409: Police Accountability | 3 | C | |
| Upper Division Policing Concentration Elective | 3 | C | |
| CRJ 4** Elective | 3 | C | |
| CRJ Upper Division Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 4** Elective | 3 | C | • Gather professional references<br>• Apply for full-time career opportunities |
| CRJ 410: Criminal Procedure: The Law of Investigations | 3 | C | |

| | | |
|---|---|---|
| CRJ 450: Crime Analysis | 3 | C |
| Upper Division Related Area Course | 3 | C |
| Term hours subtotal: | 12 | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) Requirement:
  - Students must complete SBL coursework for a total of three credit hours by degree completion.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement - Area 3 |
|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | PAF 112: Identity, Service and American Democracy (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
| CRD 471: Interprofessional Education and Community Health | PAF 200: Public Service and Policy in the 21st Century | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRD 472: Interprofessional Education and Complex Health | PAF 201: Economics and Public Policy (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRD 473: Interprofessional Education and Comprehensive Systems Health | PAF 240: Urban Policy (C) | SWU 182: Social Services Perspective of Government (SB) |
| CSM 201: Introduction to Community Sports | PAF 311: Leadership and Change (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| NLM 160: Voluntary Action and Community Leadership (SB) | PAF 410: Building Leadership Skills (SB) | SWU 250: Stress Management Tools I (SB) |
| NLM 220: Introduction to Nonprofit Organizations | | SWU 349: Stress Management Tools II (SB) |
| PRM 120: Leisure and the Quality of Life (SB) | | SWU 456: Immigrants and Refugees (C) |
| PRM 364: Foundations of Recreation Therapy (SB) | | SWU 458: Behavioral Health Services |
| PRM 380: Wilderness and Parks in America (SB & H) | | SWU 459: Spirituality and the Helping Professions |
| TDM 205: Introduction to Travel and Tourism (G) | | SWU 460: Legal Issues in Social Work |
| TDM 458: International Tourism (G) | | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement - Area 4 | Solution-Based Learning (SBL) Requirement | Upper Division Policing Concentration Elective |
|---|---|---|
| CPP Elective | CPP 350: Community Works | CRJ 321: Evidence: Imperatives of Proof |
| | CPP 353: Community Impact Lab | CRJ 403: Victims and the Criminal Justice System |
| | CRD 301: Sustainable Communities | CRJ 455: Police and International Terrorism |
| | CRD 435: Service Learning for Community Development | CRJ 484: Internship |
| | CRD 471: Interprofessional Education and Community Health | CRJ 494: Community Policing |

CRD 472: Interprofessional Education and Complex Health

CRD 473: Interprofessional Education and Comprehensive Systems Health

CRJ 317: Inside-Out Prison Exchange Program

CRJ 394: Comparative Organized Crime

CRJ 394: The British Roots of U.S. Criminal Justice

CRJ 455: Police and International Terrorism

CRJ 456: Etiology of Martyrdom

CRJ 484: Internship

CRJ 492: Honors Directed Study

CRJ 493: Honors Thesis (L)

CRJ 496: Directed Research

CRJ 499: Individualized Instruction

NLM 160: Voluntary Action and Community Leadership (SB)

NLM 435: Service Learning for Community Development

PRM 145: Special Events Management

PRM 203: Program Planning

PRM 315: Community Recreation Systems

PRM 370: Public Lands Management

SWU 291: Social Service Delivery Systems

SWU 394: Ending Homelessness

TDM 345: Meeting and Convention Planning

CRJ 494: Problem-Oriented Policing

CRJ 494: Visual Media, Neighborhoods, & Policing

Related Area Courses

AFR 335: Historical Studies in Race, Crime, and the Law

AFR 352: Borders, Prisons and Suburbs (SB & C)

AIS 360: Issues in Urban Indian Country (C)

AIS 380: Contemporary Issues of American Indian Nations (C)

ASB 305: Poverty and Global Health ((L or SB) & G)

COM 312: Communication, Conflict, and Negotiation

- COM 314: Inner-City Families: The Cycle of Poverty
- COM 319: Persuasion and Social Influence (SB)
- COM 325: Advanced Public Speaking and Presentations (L)
- COM 326: Court Room Oratory
- COM 414: Crisis Communication
- COM 421: Rhetoric of Social Issues (HU)
- CPP 350: Community Works
- CPP 353: Community Impact Lab
- CRD 302: Inclusive Community Development (SB & C)
- ENG 301: Writing for the Professions (L)
- ENG 302: Business Writing (L)
- ENG 311: Persuasive Writing (L)
- HST 322: Constitutional History of the United States Since 1865 (H)
- HST 325: Immigration and Ethnicity in the United States (SB & H & C)
- HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
- HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
- HST 334: African American History Since 1865 ((HU or SB) & C & H)
- HST 338: American Indian History since 1900 ((HU or SB) & C & H)
- HST 454: History of Genocide (G & H)
- IAS 300: Career Strategies and Personal Resilience (L or SB)
- JUS 329: Domestic Violence (SB)
- JUS 350: Immigration and Justice (SB & C)
- JUS 370: Cultural Diversity and Justice ((L or HU) & C)
- JUS 374: The Holocaust, Genocide, and Human Rights
- JUS 410: Punishment: Logic and Approach
- JUS 432: Racial Justice (L)
- JUS 465: Death Penalty in the United States (L)

- JUS 467: Terrorism, War, and Justice (SB)
- JUS 477: Youth and Justice (L or SB)
- LAW 310: The Global Legal Community
- PAF 300: Public Management and Administration
- PAF 305: Urban Governance
- PAF 311: Leadership and Change (SB)
- PAF 340: Contemporary Policy Challenges
- PAF 351: Urban and Metropolitan Studies
- PAF 410: Building Leadership Skills (SB)
- PAF 460: Public Service Ethics
- PAF 469: Terrorism Defense
- PHI 306: Applied Ethics (HU)
- PHI 307: Philosophy of Law (HU)
- PHI 336: Social and Political Philosophy (HU)
- PHI 360: Business and Professional Ethics (HU)
- PHI 406: Moral Dilemmas (L or HU)
- POS 310: American National Government (SB)
- POS 325: Public Policy Development (SB)
- POS 346: Problems of Democracy (HU)
- POS 364: National Security, Intelligence, and Terrorism (SB)
- POS 370: Law and Society (SB)
- POS 442: American Political Thought (HU)
- POS 467: International Security (SB & G)
- POS 470: Law and the Political Order (SB)
- POS 471: Constitutional Law I (SB)
- POS 472: Constitutional Law II (SB)
- POS 480: Global Justice (G)
- PSY 350: Social Psychology (SB)
- PSY 366: Abnormal Psychology (SB)
- PSY 368: Forensic Psychology
- PSY 443: Abnormal Child Psychology (L or SB)
- PUP 301: Introduction to Urban Planning (L)

REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)

REL 381: Religion and Moral Issues (L or HU)

SGS 320: Mechanisms of Global Governance

SGS 340: Violence, Conflict and Human Rights

SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G)

SOC 312: Adolescence (SB)

SOC 332: The Modern City (G)

SOC 340: The Sociology of Deviance (SB)

SOC 352: Social Change (SB & G & H)

SOC 360: Sociological Psychology (SB)

SOC 363: Men and Masculinity (SB)

SOC 426: Social Inequality (SB)

STS 364: Science, Technology, and National Security (SB)

SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 460: Legal Issues in Social Work

SWU 498: Sex Trafficking Research Practicum (L)

TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)

TCL 332: Mexican American History Since 1900 (SB & H & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Criminology and Criminal Justice (Policing), BS

School/College: Watts College of Public Service & Community Solut
Location: Online, ASU Local@Los Angeles
PPCRJPOLBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year registration information here.<br>• Select your career interest area and play me3@ASU |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 20 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | • Secure a part-time job or volunteer experience<br>• Explore study abroad options |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 201: Criminal Justice Crime Control Policies and Practices | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections | 3 | C | • Create a first draft resume<br>• Explore study abroad options |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 33 - 39 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 230: Introduction to Policing | 3 | C | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 39 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections | 3 | C | • Explore study abroad options<br>• Explore an internship |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Interdisciplinary Requirement | 3 | | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Develop your professional online presence. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 302: Research Methods (L) | 3 | C | • Explore study abroad options<br>• Explore an internship |
| CRJ 2** Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 303: Statistical Analysis (CS) | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 305: Gender, Crime, and Criminal Justice (C) OR CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | 3 | C | • Explore study abroad options<br>• Explore an internship |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Course | 3 | C | • The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of three credit hours. |
| Solution-Based Learning (SBL) Requirement | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

- Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information.

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CRJ 309: Criminology (SB) | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Related Area Course | 3 | C | |
| CRJ Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 315: Police Organization and Management | 3 | C | • Explore study abroad options<br>• Explore an internship |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CRJ 4** Elective | 3 | C | • Use Handshake to research employment opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CRJ 4** Elective | 3 | C | • Complete an in person or virtual practice interview<br>• Explore an internship |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRJ 409: Police Accountability | 3 | C | |
| CRJ 410: Criminal Procedure: The Law of Investigations | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ CRJ 450: Crime Analysis | 3 | C | • Gather professional references |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Policing Concentration Elective | 3 | C | • Apply for full-time career opportunities<br>• Policing Concentration Elective: choose one course from the list below. |
| Term hours subtotal: | 3 | | |

- Students enrolling in CRJ 484 should have an internship with local, state, or federal police or law enforcement agency. Students may substitute other CRJ 494 topics if course focuses on a policing topic.

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete SBL coursework for a total of three credit hours by degree completion.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement - Area 3 |
|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CSM 201: Introduction to Community Sports | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| PRM 120: Leisure and the Quality of Life (SB) | PAF 311: Leadership and Change (SB) | SWU 181: Economics: A Social Issues Perspective |
| PRM 364: Foundations of Recreation Therapy (SB) | PAF 410: Building Leadership Skills (SB) | SWU 182: Social Services Perspective of Government (SB) |
| PRM 380: Wilderness and Parks in America (SB & H) | | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| TDM 205: Introduction to Travel and Tourism (G) | | SWU 250: Stress Management Tools I (SB) |
| TDM 458: International Tourism (G) | | SWU 349: Stress Management Tools II (SB) |
| | | SWU 456: Immigrants and Refugees (C) |
| | | SWU 458: Behavioral Health Services |
| | | SWU 460: Legal Issues in Social Work |
| | | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement - Area 4 | Solution-Based Learning (SBL) Requirement | Upper Division Policing Concentration Elective |
|---|---|---|
| CPP Elective | CPP 350: Community Works | CRJ 321: Evidence: Imperatives of Proof |
| | CPP 353: Community Impact Lab | CRJ 403: Victims and the Criminal Justice System |
| | CRD 435: Service Learning for Community Development | CRJ 455: Police and International Terrorism |
| | CRJ 394: Comparative Organized Crime | CRJ 484: Internship |
| | CRJ 394: The British Roots of U.S. Criminal Justice | CRJ 494: Community Policing |
| | CRJ 455: Police and International Terrorism | CRJ 494: Problem-Oriented Policing |

CRJ 456: Etiology of Martyrdom

CRJ 484: Internship

CRJ 499: Individualized Instruction

NLM 435: Service Learning for Community Development

PRM 145: Special Events Management

PRM 203: Program Planning

SWU 291: Social Service Delivery Systems

SWU 394: Ending Homelessness

TDM 345: Meeting and Convention Planning

CRJ 494: Visual Media, Neighborhoods, & Policing

Related Area Courses

ASB 305: Poverty and Global Health ((L or SB) & G)

COM 312: Communication, Conflict, and Negotiation

COM 319: Persuasion and Social Influence (SB)

COM 414: Crisis Communication

CPP 350: Community Works

CPP 353: Community Impact Lab

CRD 302: Inclusive Community Development (SB & C)

ENG 301: Writing for the Professions (L)

ENG 302: Business Writing (L)

ENG 311: Persuasive Writing (L)

HST 325: Immigration and Ethnicity in the United States (SB & H & C)

HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)

HST 338: American Indian History since 1900 ((HU or SB) & C & H)

HST 454: History of Genocide (G & H)

IAS 300: Career Strategies and Personal Resilience (L or SB)

JUS 329: Domestic Violence (SB)

JUS 350: Immigration and Justice (SB & C)

JUS 374: The Holocaust, Genocide, and Human Rights

- JUS 432: Racial Justice (L)
- JUS 477: Youth and Justice (L or SB)
- PAF 300: Public Management and Administration
- PAF 311: Leadership and Change (SB)
- PAF 340: Contemporary Policy Challenges
- PAF 410: Building Leadership Skills (SB)
- PAF 460: Public Service Ethics
- PAF 469: Terrorism Defense
- PHI 306: Applied Ethics (HU)
- PHI 307: Philosophy of Law (HU)
- PHI 336: Social and Political Philosophy (HU)
- PHI 360: Business and Professional Ethics (HU)
- POS 310: American National Government (SB)
- POS 325: Public Policy Development (SB)
- POS 346: Problems of Democracy (HU)
- POS 364: National Security, Intelligence, and Terrorism (SB)
- POS 370: Law and Society (SB)
- POS 442: American Political Thought (HU)
- POS 467: International Security (SB & G)
- POS 471: Constitutional Law I (SB)
- POS 472: Constitutional Law II (SB)
- PSY 350: Social Psychology (SB)
- PSY 366: Abnormal Psychology (SB)
- PSY 368: Forensic Psychology
- PUP 301: Introduction to Urban Planning (L)
- SGS 340: Violence, Conflict and Human Rights
- SOC 312: Adolescence (SB)
- SOC 332: The Modern City (G)
- SOC 340: The Sociology of Deviance (SB)
- SOC 352: Social Change (SB & G & H)
- STS 364: Science, Technology, and National Security (SB)
- SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 460: Legal Issues in Social Work

SWU 498: Sex Trafficking Research Practicum (L)

TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)

TCL 332: Mexican American History Since 1900 (SB & H & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Nonprofit Leadership and Management, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPNLMBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NLM 160: Voluntary Action and Community Leadership (SB) | 3 | C | • ASU 101 is for ASU first-year students only and is not required for transfer students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Secure experience to start your 200 career field exploration hours |
| SOC 101: Introductory Sociology (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • Secureexperienceto start your 200 career field exploration hours<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NLM 220: Introduction to Nonprofit Organizations | 3 | C | • Build your professional connections --- join the ASU Mentor Network<br>• Secure experience to continue your 200 career field exploration hours |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |

| | | | |
|---|---|---|---|
| Minimum 2.50 GPA ASU Cumulative. | | | |
| | Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Secureexperienceto continue your 200 career field exploration hours |
| Interdisciplinary Requirement | 3 | | |
| NLM Elective | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 301: Sustainable Communities | 3 | C | • Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your skills<br>• Secure experience to continue your 200 career field exploration hours |
| NLM 300: Fund Raising and Resource Development | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| NLM 310: Volunteer Management | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NLM 380: Financial Management for Nonprofit Organizations | 3 | C | • Successful completion of NLM 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your professional online presence<br>• Secureexperienceto continue your 200 career field exploration hours |
| NLM 402: Assessment and Evaluation of Community Services | 3 | C | |
| NLM 410: Social Entrepreneurship | 3 | C | |
| NLM Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NLM 430: Managing Nonprofit Organizations (L) | 3 | C | • Use Handshake to research employment/internship opportunities<br>• Secure experience to complete your 200 career field exploration hours |
| CRD 403: Leadership and Professional Development | 3 | C | |
| *Complete 2 courses:* NLM Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NLM 463: Senior Internship | 12 | C | • Successful completion of NLM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of NLM 160, CRD 301, NLM 402, or NLM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 |
|---|
| CRJ 100: Introduction to Criminal Justice (SB) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices |
| CRJ 203: Courts and Sentencing |
| CRJ 204: Juvenile Justice |
| CRJ 230: Introduction to Policing |
| CRJ 240: Introduction to Corrections |
| CRJ 260: Substantive Criminal Law |
| CRJ 270: Community Justice (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) |
| CRJ 309: Criminology (SB) |
| CRJ 350: Law and Social Control (SB) |

| Interdisciplinary Requirement-Area 2 |
|---|
| PAF 112: Identity, Service and American Democracy (SB & C) |
| PAF 200: Public Service and Policy in the 21st Century |
| PAF 201: Economics and Public Policy (SB) |
| PAF 240: Urban Policy (C) |
| PAF 311: Leadership and Change (SB) |
| PAF 410: Building Leadership Skills (SB) |

| Interdisciplinary Requirement-Area 3 |
|---|
| SWU 171: Introduction to Social Work (SB & H) |
| SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| SWU 181: Economics: A Social Issues Perspective |
| SWU 182: Social Services Perspective of Government (SB) |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| SWU 250: Stress Management Tools I (SB) |
| SWU 349: Stress Management Tools II (SB) |
| SWU 456: Immigrants and Refugees (C) |
| SWU 458: Behavioral Health Services |
| SWU 459: Spirituality and the Helping Professions |
| SWU 460: Legal Issues in Social Work |
| SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
|---|
| CPP Elective |

| NLM Elective (choose 12 credits) |
|---|
| ACC 382: Accounting and Financial Analysis |
| COM 259: Communication in Business and the Professions |
| COM 263: Elements of Intercultural Communication (SB & C & G) |
| CRD Elective |
| CSM 485: Sports Events |
| CSM Elective |
| MGT 380: Management and Strategy for Nonmajors |
| NLM 203: Program Planning |
| NLM 320: Professional Development Seminar |

| |
|---|
| NLM 420: Nonprofit Leadership Alliance Institute |
| NLM 435: Service Learning for Community Development |
| NLM 451: Grant Writing |
| PAF 410: Building Leadership Skills (SB) |
| PRM 145: Special Events Management |
| PRM 304: Recreation Planning and Facility Development (L) |
| PRM 364: Foundations of Recreation Therapy (SB) |
| PRM 370: Public Lands Management |
| PRM Elective |
| SOC 241: Modern Social Problems (SB) |
| TDM Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Nonprofit Leadership and Management (American Indian Studies), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPNLMAIBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| AIS 180: Introduction to American Indian Studies (C) | 3 | C | • Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• Secure experience to start your 200 career field exploration hours |
| NLM 160: Voluntary Action and Community Leadership (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • Secureexperienceto start your 200 career field exploration hours |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC 101: Introductory Sociology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NLM 220: Introduction to Nonprofit Organizations | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Build your professional connections --- join the ASU Mentor Network<br>• Secureexperienceto continue your 200 career field exploration hours |
| Interdisciplinary Requirement | 3 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |

| | | |
|---|---|---|
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Secureexperienceto continue your 200 career field exploration hours |
| AIS 285: Federal Indian Policy (H & C) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NLM 300: Fund Raising and Resource Development | 3 | C | • Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your skills<br>• Secure experience to continue your 200 career field exploration hours |
| AIS 360: Issues in Urban Indian Country (C) | 3 | C | |
| CRD 301: Sustainable Communities | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| NLM 310: Volunteer Management | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NLM 380: Financial Management for Nonprofit Organizations | 3 | C | • Successful completion of NLM 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your professional online presence<br>• Secureexperienceto continue your 200 career field exploration hours |
| AIS 380: Contemporary Issues of American Indian Nations (C) | 3 | C | |
| NLM 402: Assessment and Evaluation of Community Services | 3 | C | |
| NLM 410: Social Entrepreneurship | 3 | C | |
| NLM Elective | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NLM 430: Managing Nonprofit Organizations (L) | 3 | C | • Use Handshake to research employment/internship opportunities<br>• Secure experience to complete your 200 career field exploration hours |
| AIS 370: American Indian Languages and Cultures (C) OR AIS 470: Tribal Governance | 3 | C | |
| CRD 403: Leadership and Professional Development | 3 | C | |
| NLM Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| NLM 463: Senior Internship | 12 | C | • Successful completion of NLM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion
    - Successful completion of NLM 160, CRD 301, NLM 402, or NLM 463 will satisfy the SBL requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 |
|---|
| CRJ 100: Introduction to Criminal Justice (SB) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices |
| CRJ 203: Courts and Sentencing |
| CRJ 204: Juvenile Justice |
| CRJ 230: Introduction to Policing |
| CRJ 240: Introduction to Corrections |
| CRJ 260: Substantive Criminal Law |
| CRJ 270: Community Justice (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) |
| CRJ 309: Criminology (SB) |
| CRJ 350: Law and Social Control (SB) |

| Interdisciplinary Requirement-Area 2 |
|---|
| PAF 112: Identity, Service and American Democracy (SB & C) |
| PAF 200: Public Service and Policy in the 21st Century |
| PAF 201: Economics and Public Policy (SB) |
| PAF 240: Urban Policy (C) |
| PAF 311: Leadership and Change (SB) |
| PAF 410: Building Leadership Skills (SB) |

| Interdisciplinary Requirement-Area 3 |
|---|
| SWU 171: Introduction to Social Work (SB & H) |
| SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| SWU 181: Economics: A Social Issues Perspective |
| SWU 182: Social Services Perspective of Government (SB) |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| SWU 250: Stress Management Tools I (SB) |
| SWU 349: Stress Management Tools II (SB) |
| SWU 456: Immigrants and Refugees (C) |
| SWU 458: Behavioral Health Services |
| SWU 459: Spirituality and the Helping Professions |
| SWU 460: Legal Issues in Social Work |
| SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
|---|
| CPP Elective |

| NLM Elective (choose 6 credits) |
|---|
| ACC 382: Accounting and Financial Analysis |
| COM 259: Communication in Business and the Professions |
| COM 263: Elements of Intercultural Communication (SB & C & G) |
| CRD Elective |
| CSM 485: Sports Events |
| CSM Elective |
| MGT 380: Management and Strategy for Nonmajors |
| NLM 203: Program Planning |

| |
|---|
| NLM 320: Professional Development Seminar |
| NLM 420: Nonprofit Leadership Alliance Institute |
| NLM 435: Service Learning for Community Development |
| NLM 451: Grant Writing |
| PAF 410: Building Leadership Skills (SB) |
| PRM 145: Special Events Management |
| PRM 304: Recreation Planning and Facility Development (L) |
| PRM 364: Foundations of Recreation Therapy (SB) |
| PRM Elective |
| SOC 241: Modern Social Problems (SB) |
| TDM Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Parks and Recreation Management, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPRMBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Secure experience to start your 200 career field exploration hours |
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Secureexperienceto start your 200 career field exploration hours<br>• Activate your Handshake account and build out your profile. |
| PRM 203: Program Planning | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • Build your professional connections --- join the ASU Mentor Network<br>• Secure experience to continue your 200 career field exploration hours<br>• For a career as a Park Ranger, please take Park Ranger/Natural Resource Management electives |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • PRM Area Electives - courses may be chosen from one or more PRM Area Electives subgroup.<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups.To meet the requirement, students must take two courses from at least two different groups.<br>• Secureexperienceto continue your 200 career field exploration hours |
| PRM Area Elective | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 301: Sustainable Communities | 3 | C | • Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your skills<br>• PRM 304 - offered Fall semester only<br>• Secure experience to continue your 200 career field exploration hours |
| PRM 304: Recreation Planning and Facility Development (L) | 3 | C | |
| PRM 306: Advanced Programming and Facilitation | 3 | C | |
| PRM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | • PRM Area Electives - courses may be chosen from one or more PRM Area Electives subgroup.<br>• Successful completion of PRM 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your professional online presence<br>• PRM 401 - offered Spring semester only<br>• Secureexperienceto continue your 200 career field exploration hours |
| PRM 402: Assessment and Evaluation of Community Services | 3 | C | |
| PRM 401: Managing Leisure Enterprises | 3 | C | |
| *Complete 2 courses:*<br>Upper Division PRM Area Elective | 6 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 403: Leadership and Professional Development | 3 | C | • PRM Related Area Electives - courses may be chosen from one or more PRM Related Area Electives subgroup.<br>• Use Handshake to research employment/internship opportunities<br>• Secureexperienceto complete your 200 career field exploration hours |
| PRM 364: Foundations of Recreation Therapy (SB) OR PRM 380: Wilderness and Parks in America (SB & H) | 3 | C | |
| *Complete 3 courses:*<br>PRM Area Elective | 9 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 463: Senior Internship | 12 | C | • Successful completion of PRM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- PRM Area Electives:
    - In total, six (6) courses must be taken within the PRM Area Electives. One (or more) PRM Area sub-groups may be completed by choosing coursework listed within each area. Courses from the PRM Area group will be used to complete PRM Area.

  For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of PRM 203, CRD 301, PRM 402, or PRM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement - Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 112: Identity, Service and American Democracy (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 200: Public Service and Policy in the 21st Century | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 201: Economics and Public Policy (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PAF 240: Urban Policy (C) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PAF 311: Leadership and Change (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | PAF 410: Building Leadership Skills (SB) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 | PRM Area Electives: Community Recreation | PRM Area Electives: Special Event Management |
|---|---|---|
| CPP Elective | CSM 201: Introduction to Community Sports | CSM 485: Sports Events |
| | PRM 315: Community Recreation Systems | PRM 145: Special Events Management |
| | PRM 335: Sports and Recreation for Youth Development | PRM 487: Advanced Special Events Management |
| | PRM 364: Foundations of Recreation Therapy (SB) | TDM 345: Meeting and Convention Planning |

PRM 455: Recreational Therapy and Play with Children, Youth and Families

PRM 475: Entrepreneurial Recreation and Tourism

PRM Area Electives: Park Ranger/Natural Resource Management

ABS 384: Natural Resources Measurements

ABS 430: Watershed Management

ABS 479: Ecosystem Management and Planning (L)

ABS 485: GIS in Natural Resources

ASM 104: Bones, Stones, and Human Evolution (SB or SG)

BIO 100: The Living World (SQ)

BIO 130: Introduction to Environmental Science (SQ)

BIO 324: Environmental Ethics (HU)

BIO 412: Conservation in Practice

BIO 434: People and Nature: Ecosystem Services

ERM 426: Environmental Issues

ERM 428: International Environmental Management (G)

GIS 205: Geographic Information Science I (CS)

GLG 101: Introduction to Geology I (Physical) (SQ)

GLG 108: Water Planet (SQ)

GPH 111: Introduction to Physical Geography (SQ)

PHI 310: Environmental Ethics (HU)

PRM 340: Outdoor Survival

PRM 370: Public Lands Management

PRM 470: Environmental Communication

SCN 300: Foundations of Environmental Education

SCN 301: Ecology and Natural History of the Sonoran Desert (SG)

SOS 412: Conservation in Practice

TDM 480: Sustainable Tourism

PRM Area Electives: Other

CSM 407: Ethics and Legal Issues in Sports

CSM 483: Sports Tourism

NLM 300: Fund Raising and Resource Development

NLM 310: Volunteer Management

PAF 410: Building Leadership Skills (SB)

PRM 400: Intervention Techniques in Recreational Therapy

PRM 453: Inclusive and Adaptive Sports and Recreation

PUP 301: Introduction to Urban Planning (L)

TDM 205: Introduction to Travel and Tourism (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Parks and Recreation Management (Therapeutic Recreation), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPRMTRBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• For the Interdisciplinary Requirement: SWU 183 (term 3) satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.<br>• Secure experience to start your 200 career field exploration hours |
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • Secureexperience to start your 200 career field exploration hours<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Build your professional connections --- join the ASU Mentor Network<br>• Secure experience to continue your 200 career field exploration hours |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| PRM 203: Program Planning | 3 | | |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | 3 | C | |
| Elective | 3 | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) | 3 | C | • Secure experience to continue your 200 career field exploration hours<br>• Explore Child Life<br>• BIO 202 is recommended for students seeking graduate education in health professions |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective ( BIO 202 recommended) | 4 | | |
| Elective | 2 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 301: Sustainable Communities | 3 | C | • Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your skills<br>• PRM 304 - offered Fall semester only<br>• Secure experience to continue your 200 career field exploration hours |
| PRM 304: Recreation Planning and Facility Development (L) | 3 | C | |
| PRM 364: Foundations of Recreation Therapy (SB) | 3 | C | |
| PRM 306: Advanced Programming and Facilitation | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 406: Program Design and Administration in Recreational Therapy | 3 | C | • Develop your professional online presence<br>• PRM 400, PRM 406 and PRM 450 - offered Spring semester only<br>• Secure experience to continue your 200 career field exploration hours |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| PRM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| PRM 400: Intervention Techniques in Recreational Therapy | 3 | C | |
| PRM 450: Therapeutic Recreation and Community Health | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 402: Assessment and Evaluation of Community Services | 3 | C | • Successful completion of PRM 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Research employment and internship opportunities<br>• PRM 460 - offered Fall semester only<br>• Explore Handshake Resources to complete your 200 career field exploration hours |
| PRM 413: Leadership and Professional Development in Recreation Therapy | 3 | C | |
| PRM 460: Assessment and Documentation in Recreational Therapy | 3 | C | |
| *Complete 2 courses:*<br>PRM-Therapeutic Recreation Elective | 6 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 463: Senior Internship | 12 | C | • Successful completion of PRM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of PRM 203, CRD 301, PRM 402, or PRM 463 will satisfy the SBL Requirement.

  For the Interdisciplinary Requirement:
    - SWU 183 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.

Hide Course List(s)/Track Group(s)

| Public Service Interdisciplinary Requirement-Area 1 |
|---|
| CRJ 100: Introduction to Criminal Justice (SB) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices |
| CRJ 203: Courts and Sentencing |
| CRJ 204: Juvenile Justice |
| CRJ 230: Introduction to Policing |
| CRJ 240: Introduction to Corrections |
| CRJ 260: Substantive Criminal Law |
| CRJ 270: Community Justice (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) |
| CRJ 309: Criminology (SB) |
| CRJ 350: Law and Social Control (SB) |
| PRM-Therapeutic Recreation Electives (Choose two courses) |
| CRD 471: Interprofessional Education and Community Health |
| CRD 472: Interprofessional Education and Complex Health |
| CRD 473: Interprofessional Education and Comprehensive Systems Health |
| NLM 300: Fund Raising and Resource Development |
| NLM 310: Volunteer Management |
| NLM 451: Grant Writing |

| Interdisciplinary Requirement-Area 2 |
|---|
| PAF 112: Identity, Service and American Democracy (SB & C) |
| PAF 200: Public Service and Policy in the 21st Century |
| PAF 201: Economics and Public Policy (SB) |
| PAF 240: Urban Policy (C) |
| PAF 311: Leadership and Change (SB) |
| PAF 410: Building Leadership Skills (SB) |

| Interdisciplinary Requirement-Area 3 |
|---|
| CPP Elective |

PRM 335: Sports and Recreation for Youth Development

PRM 380: Wilderness and Parks in America (SB & H)

PRM 384: Recreational Therapy Practicum

PRM 440: Advocacy in Therapeutic Recreation

PRM 453: Inclusive and Adaptive Sports and Recreation

PRM 455: Recreational Therapy and Play with Children, Youth and Families

PRM 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| *Complete 2 courses:* Interdisciplinary Requirement | 6 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| PAF 302: Public Service Research Methods | 3 | C | |
| PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries | 3 | | |
| Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | • Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. |
| Upper Division Public Leadership & Mangement Elective | 3 | C | |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CRD 302: Inclusive Community Development (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | CRD 471: Interprofessional Education and Community Health | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | CRD 472: Interprofessional Education and Complex Health | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | CRD 473: Interprofessional Education and Comprehensive Systems Health | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | CSM 201: Introduction to Community Sports | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | NLM 220: Introduction to Nonprofit Organizations | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | PRM 120: Leisure and the Quality of Life (SB) | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | PRM 364: Foundations of Recreation Therapy (SB) | SWU 458: Behavioral Health Services |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | PRM 380: Wilderness and Parks in America (SB & H) | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | TDM 205: Introduction to Travel and Tourism (G) | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | TDM 458: International Tourism (G) | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 | Upper Division Public Leadership and Management Elective | Solution-Based Learning (SBL) Requirement |
|---|---|---|
| CPP Elective | COM Upper Division Elective | CPP 350: Community Works |
| | HST Upper Division Elective | CPP 353: Community Impact Lab |
| | MGT Upper Division Elective | CRD 301: Sustainable Communities |
| | NLM Upper Division Elective | CRD 435: Service Learning for Community Development |
| | POS Upper Division Elective | CRD 471: Interprofessional Education and Community Health |
| | PSY Upper Division Elective | CRD 472: Interprofessional Education and Complex Health |

- CRD 473: Interprofessional Education and Comprehensive Systems Health
- CRJ 317: Inside-Out Prison Exchange Program
- CRJ 394: Comparative Organized Crime
- CRJ 394: The British Roots of U.S. Criminal Justice
- CRJ 455: Police and International Terrorism
- CRJ 456: Etiology of Martyrdom
- NLM 160: Voluntary Action and Community Leadership (SB)
- NLM 435: Service Learning for Community Development
- PAF 484: Internship
- PRM 145: Special Events Management
- PRM 203: Program Planning
- PRM 315: Community Recreation Systems
- PRM 370: Public Lands Management
- SWU 291: Social Service Delivery Systems
- SWU 394: Ending Homelessness
- TDM 345: Meeting and Convention Planning

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy, BS

School/College: Watts College of Public Service & Community Solut
Location: Online, ASU Local@Los Angeles
PPPAFBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Interdisciplinary Requirement | 3 | | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups<br>• View ASU Online first-year student registration information here. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four |
| Interdisciplinary Requirement | 3 | | |

| | | |
|---|---|---|
| Term hours subtotal: | 6 | Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | • Develop your skills. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | |
| COM 225: Public Speaking (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 50 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 50 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Explore an internship. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 301: Applied Statistics (CS) | 3 | C | |
| PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 302: Public Service Research Methods | 3 | C | • Develop your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Solution-Based Learning (SBL) Requirement | 3 | | • The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Complete an in person or virtual practice interview. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | |
| PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Public Leadership & Management Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| Term hours subtotal: | 3 | | |

- For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Choose one class from the SBL course list.
- Students must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CRD 302: Inclusive Community Development (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | CSM 201: Introduction to Community Sports | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PRM 120: Leisure and the Quality of Life (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PRM 364: Foundations of Recreation Therapy (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PRM 380: Wilderness and Parks in America (SB & H) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | TDM 205: Introduction to Travel and Tourism (G) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | TDM 458: International Tourism (G) | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | | SWU 460: Legal Issues in Social Work |
| CRJ 309: Criminology (SB) | | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |
| CRJ 350: Law and Social Control (SB) | | |

| Interdisciplinary Requirement-Area 4 | Upper Division Public Leadership & Management Elective | Solution-Based Learning (SBL) Requirement |
|---|---|---|
| CPP Elective | COM Upper Division Elective | CPP 350: Community Works |
| | HST Upper Division Elective | CPP 353: Community Impact Lab |
| | MGT Upper Division Elective | CRD 435: Service Learning for Community Development |
| | NLM Upper Division Elective | CRJ 394: Comparative Organized Crime |
| | POS Upper Division Elective | CRJ 394: The British Roots of U.S. Criminal Justice |
| | PSY Upper Division Elective | CRJ 455: Police and International Terrorism |
| | | CRJ 456: Etiology of Martyrdom |
| | | PAF 484: Internship |

PRM 145: Special Events Management

PRM 203: Program Planning

SWU 291: Social Service Delivery Systems

SWU 394: Ending Homelessness

TDM 345: Meeting and Convention Planning

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy (American Indian Studies), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFAISBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| *Complete 2 courses:* Interdisciplinary Requirement | 6 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| AIS 180: Introduction to American Indian Studies (C) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • Explore an internship |
| AIS 280: American Indian Sovereignty and the Courts (H & C) | 3 | C | |
| AIS 285: Federal Indian Policy (H & C) | 3 | C | |
| COM 225: Public Speaking (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| AIS Upper Division Elective ( AIS 470 recommended) | 3 | C | |
| PAF 302: Public Service Research Methods | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CRD 302: Inclusive Community Development (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | CRD 471: Interprofessional Education and Community Health | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | CRD 472: Interprofessional Education and Complex Health | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | CRD 473: Interprofessional Education and Comprehensive Systems Health | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | CSM 201: Introduction to Community Sports | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | NLM 220: Introduction to Nonprofit Organizations | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | PRM 120: Leisure and the Quality of Life (SB) | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | PRM 364: Foundations of Recreation Therapy (SB) | SWU 458: Behavioral Health Services |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | PRM 380: Wilderness and Parks in America (SB & H) | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | TDM 205: Introduction to Travel and Tourism (G) | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | TDM 458: International Tourism (G) | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
|---|
| CPP Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy (Business), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFBUBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| *Complete 2 courses:* Interdisciplinary Requirement | 6 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • Must have minimum 2.00 ASU Cumulative GPA for MGT 380 in Term 5<br>• Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Must have minimum 2.00 ASU Cumulative GPA for ACC 382 and FIN 380 in Term 6<br>• Develop your professional online presence |
| MGT 380: Management and Strategy for Nonmajors | 3 | C | |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Must have minimum 2.00 Cumulative GPA for MKT 390 or MKT 395 in Term 7<br>• Complete an in person or virtual practice interview |
| ACC 382: Accounting and Financial Analysis | 3 | C | |
| FIN 380: Personal Financial Management | 3 | C | |
| PAF 302: Public Service Research Methods | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| MKT 390: Essentials of Marketing OR MKT 395: Essentials of Advertising and Marketing Communication | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CRD 302: Inclusive Community Development (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | CRD 471: Interprofessional Education and Community Health | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | CRD 472: Interprofessional Education and Complex Health | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | CRD 473: Interprofessional Education and Comprehensive Systems Health | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | CSM 201: Introduction to Community Sports | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | NLM 220: Introduction to Nonprofit Organizations | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | PRM 120: Leisure and the Quality of Life (SB) | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | PRM 364: Foundations of Recreation Therapy (SB) | SWU 458: Behavioral Health Services |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | PRM 380: Wilderness and Parks in America (SB & H) | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | TDM 205: Introduction to Travel and Tourism (G) | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | TDM 458: International Tourism (G) | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
|---|
| CPP Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy (Criminology), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFCBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • CRJ 100 satisfies part of the college's interdisciplinary requirement.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • Develop your skills |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | 3 | C | |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • Students can choose one course from any of the three Interdisciplinary areas/track groups.<br>• Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| PAF 302: Public Service Research Methods | 3 | C | |
| CRJ Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| CRJ Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:

- CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
- Students can choose one course from any of the three Interdisciplinary areas/track groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | SWU 171: Introduction to Social Work (SB & H) | CPP Elective |
| CRD 471: Interprofessional Education and Community Health | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) | |
| CRD 472: Interprofessional Education and Complex Health | SWU 181: Economics: A Social Issues Perspective | |
| CRD 473: Interprofessional Education and Comprehensive Systems Health | SWU 182: Social Services Perspective of Government (SB) | |
| CSM 201: Introduction to Community Sports | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| NLM 160: Voluntary Action and Community Leadership (SB) | SWU 250: Stress Management Tools I (SB) | |
| NLM 220: Introduction to Nonprofit Organizations | SWU 349: Stress Management Tools II (SB) | |
| PRM 120: Leisure and the Quality of Life (SB) | SWU 456: Immigrants and Refugees (C) | |
| PRM 364: Foundations of Recreation Therapy (SB) | SWU 458: Behavioral Health Services | |
| PRM 380: Wilderness and Parks in America (SB & H) | SWU 459: Spirituality and the Helping Professions | |
| TDM 205: Introduction to Travel and Tourism (G) | SWU 460: Legal Issues in Social Work | |
| TDM 458: International Tourism (G) | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy (Emergency Management and Homeland Security), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFEHBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students |
| SOC 101: Introductory Sociology (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Explore an internship |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| PAF 360: Emergency Management I | 3 | C | |
| PAF 361: Hazards and Risk Management | 3 | C | |
| PAF 461: Homeland Security | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 302: Public Service Research Methods | 3 | C | • For concentration courses, students must select three courses from the concentration area.<br>• Complete an in person or virtual practice interview |
| PAF 340: Contemporary Policy Challenges | 3 | C | |
| PAF 363: Technology in Emergency Management | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Emergency Management & Homeland Security Concentration Course | 6 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| Upper Division Emergency Management & Homeland Security Concentration Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| *Complete 3 courses:*<br>Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For Emergency Management & Homeland Security Concentration courses, students must select three courses from the concentration area.
- For the Interdisciplinary Requirement:
  - o Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - o To meet the requirement, students must take two courses from at least two different groups.
- For the Solution Based Learning (SBL) College Requirement:
  - o PAF 484 satisfies the SBL requirement.
  - o Student must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 |
| --- |
| CRJ 100: Introduction to Criminal Justice (SB) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices |
| CRJ 203: Courts and Sentencing |
| CRJ 204: Juvenile Justice |
| CRJ 230: Introduction to Policing |
| CRJ 240: Introduction to Corrections |
| CRJ 260: Substantive Criminal Law |
| CRJ 270: Community Justice (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) |
| CRJ 309: Criminology (SB) |
| CRJ 350: Law and Social Control (SB) |

| Interdisciplinary Requirement-Area 2 |
| --- |
| CRD 302: Inclusive Community Development (SB & C) |
| CRD 471: Interprofessional Education and Community Health |
| CRD 472: Interprofessional Education and Complex Health |
| CRD 473: Interprofessional Education and Comprehensive Systems Health |
| CSM 201: Introduction to Community Sports |
| NLM 160: Voluntary Action and Community Leadership (SB) |
| NLM 220: Introduction to Nonprofit Organizations |
| PRM 120: Leisure and the Quality of Life (SB) |
| PRM 364: Foundations of Recreation Therapy (SB) |
| PRM 380: Wilderness and Parks in America (SB & H) |
| TDM 205: Introduction to Travel and Tourism (G) |

| Interdisciplinary Requirement-Area 3 |
| --- |
| SWU 171: Introduction to Social Work (SB & H) |
| SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| SWU 181: Economics: A Social Issues Perspective |
| SWU 182: Social Services Perspective of Government (SB) |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| SWU 250: Stress Management Tools I (SB) |
| SWU 349: Stress Management Tools II (SB) |
| SWU 456: Immigrants and Refugees (C) |
| SWU 458: Behavioral Health Services |
| SWU 459: Spirituality and the Helping Professions |
| SWU 460: Legal Issues in Social Work |
| SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
| --- |
| CPP Elective |

| Emergency Management & Homeland Security Concentration |
| --- |
| CRJ 403: Victims and the Criminal Justice System |
| CRJ 409: Police Accountability |
| CRJ 412: International Terrorism |
| CRJ 417: Cyber Terrorism |
| CRJ 419: Domestic Terrorism |
| CRJ 422: Violence in America |
| PAF 424: Emergency Management II |
| PAF 425: National Incident Management System (NIMS) |

PAF 468: Planning and Exercises

PAF 469: Terrorism Defense

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Public Service and Public Policy (Emergency Management and Homeland Security), BS

School/College: Watts College of Public Service & Community Solut
Location: Online, ASU Local@Los Angeles
PPPAFEHBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • View ASU Online first-year student registration information here. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 7 | |

- Develop your skills.

| Term 4 - A 38 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Interdisciplinary Requirement | 3 | | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Explore an internship. |
| PAF 360: Emergency Management I | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 361: Hazards and Risk Management | 3 | C | |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 302: Public Service Research Methods | 3 | C | |
| PAF 363: Technology in Emergency Management | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 461: Homeland Security | 3 | C | • Develop your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Emergency Management & Homeland Security Concentration Course | 3 | C | • The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits. |
| Solution-Based Learning (SBL) Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Complete an in person or virtual practice interview. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PAF 460: Public Service Ethics | 3 | C | |
| Upper Division Emergency Management & Homeland Security Concentration Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Emergency Management & Homeland Security Concentration Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| Term hours subtotal: | 3 | | |

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  - For Emergency Management & Homeland Security Concentration courses, students must select three courses from the concentration area.
  - For the Interdisciplinary Requirement:
    - o Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - o To meet the requirement, students must take two courses from at least two different groups.
  - For the Solution Based Learning (SBL) College Requirement:
    - o Choose one class from the SBL course list.

o Student must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CRD 302: Inclusive Community Development (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | CSM 201: Introduction to Community Sports | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PRM 120: Leisure and the Quality of Life (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PRM 364: Foundations of Recreation Therapy (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PRM 380: Wilderness and Parks in America (SB & H) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | TDM 205: Introduction to Travel and Tourism (G) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | TDM 458: International Tourism (G) | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | | SWU 460: Legal Issues in Social Work |
| CRJ 309: Criminology (SB) | | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |
| CRJ 350: Law and Social Control (SB) | | |

| Interdisciplinary Requirement-Area 4 | Solution-Based Learning (SBL) Requirement | Emergency Management & Homeland Security Concentration |
|---|---|---|
| CPP Elective | CPP 350: Community Works | CRJ 403: Victims and the Criminal Justice System |
| | CPP 353: Community Impact Lab | CRJ 409: Police Accountability |
| | CRD 435: Service Learning for Community Development | CRJ 412: International Terrorism |
| | CRJ 394: Comparative Organized Crime | CRJ 417: Cyber Terrorism |
| | CRJ 394: The British Roots of U.S. Criminal Justice | CRJ 419: Domestic Terrorism |
| | CRJ 455: Police and International Terrorism | CRJ 422: Violence in America |
| | CRJ 456: Etiology of Martyrdom | PAF 424: Emergency Management II |
| | PAF 484: Internship | PAF 425: National Incident Management System (NIMS) |
| | PRM 145: Special Events Management | PAF 468: Planning and Exercises |
| | PRM 203: Program Planning | PAF 469: Terrorism Defense |
| | SWU 291: Social Service Delivery Systems | |
| | SWU 394: Ending Homelessness | |
| | TDM 345: Meeting and Convention Planning | |

**Notes:**

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy (Health Policy), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFHPBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| *Complete 2 courses:* Interdisciplinary Requirement | 6 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| HSC 210: Cultural Aspects of Health (C) | 3 | C | |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| PAF 302: Public Service Research Methods | 3 | C | |
| Upper Division Health Policy Concentration Elective | 6 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| Upper Division Health Policy Concentration Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 |
| --- |
| CRJ 100: Introduction to Criminal Justice (SB) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices |
| CRJ 203: Courts and Sentencing |
| CRJ 204: Juvenile Justice |
| CRJ 230: Introduction to Policing |
| CRJ 240: Introduction to Corrections |
| CRJ 260: Substantive Criminal Law |
| CRJ 270: Community Justice (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) |
| CRJ 309: Criminology (SB) |
| CRJ 350: Law and Social Control (SB) |

| Interdisciplinary Requirement - Area 2 |
| --- |
| CRD 302: Inclusive Community Development (SB & C) |
| CRD 471: Interprofessional Education and Community Health |
| CRD 472: Interprofessional Education and Complex Health |
| CRD 473: Interprofessional Education and Comprehensive Systems Health |
| CSM 201: Introduction to Community Sports |
| NLM 160: Voluntary Action and Community Leadership (SB) |
| NLM 220: Introduction to Nonprofit Organizations |
| PRM 120: Leisure and the Quality of Life (SB) |
| PRM 364: Foundations of Recreation Therapy (SB) |
| PRM 380: Wilderness and Parks in America (SB & H) |
| TDM 205: Introduction to Travel and Tourism (G) |
| TDM 458: International Tourism (G) |

| Interdisciplinary Requirement-Area 3 |
| --- |
| SWU 171: Introduction to Social Work (SB & H) |
| SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| SWU 181: Economics: A Social Issues Perspective |
| SWU 182: Social Services Perspective of Government (SB) |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| SWU 250: Stress Management Tools I (SB) |
| SWU 349: Stress Management Tools II (SB) |
| SWU 456: Immigrants and Refugees (C) |
| SWU 458: Behavioral Health Services |
| SWU 459: Spirituality and the Helping Professions |
| SWU 460: Legal Issues in Social Work |
| SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
| --- |
| CPP Elective |

| Upper Division Health Policy Concentration Electives |
| --- |
| ASB 301: Global History of Health (SB & G & H) |
| HSC 300: Complementary Health Care |
| HSC 310: Health Communication |
| HSC 410: Supporting the Health of Older Adults |
| HSC 412: Health Issues in Later Life |
| HSC 432: Legal Issues in Health Care |
| SOC 424: Women and Health (SB) |
| SOC 427: Sociology of Health and Illness (SB) |
| SOS 414: Urban and Environmental Health (SB) |

TCL 327: Health and Migration (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy (Law and Policy), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFLPBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • CRJ 100 satisfies part of the college's interdisciplinary requirement.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | 3 | C | |
| LAW 210: Introduction to American Legal System and Business Law | 3 | C | |
| Cultural Diversity in the U.S. (C) ( PAF 240 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • For the Interdisciplinary Requirement: CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups.<br>• Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| CRJ 350: Law and Social Control (SB) OR CRJ 410: Criminal Procedure: The Law of Investigations OR CRJ 470: Discretionary Justice (L or SB) OR LAW Upper Division Elective | 3 | C | |
| PAF 302: Public Service Research Methods | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| *Complete 2 courses:*<br>CRJ 350: Law and Social Control (SB) OR CRJ 410: Criminal Procedure: The Law of Investigations OR CRJ 470: Discretionary Justice (L or SB) OR LAW Upper Division Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
    - CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 | Interdisciplinary Requirement-Area 4 |
|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | SWU 171: Introduction to Social Work (SB & H) | CPP Elective |
| CRD 471: Interprofessional Education and Community Health | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) | |
| CRD 472: Interprofessional Education and Complex Health | SWU 181: Economics: A Social Issues Perspective | |
| CRD 473: Interprofessional Education and Comprehensive Systems Health | SWU 182: Social Services Perspective of Government (SB) | |
| CSM 201: Introduction to Community Sports | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| NLM 160: Voluntary Action and Community Leadership (SB) | SWU 250: Stress Management Tools I (SB) | |
| NLM 220: Introduction to Nonprofit Organizations | SWU 349: Stress Management Tools II (SB) | |
| PRM 120: Leisure and the Quality of Life (SB) | SWU 456: Immigrants and Refugees (C) | |
| PRM 364: Foundations of Recreation Therapy (SB) | SWU 458: Behavioral Health Services | |
| PRM 380: Wilderness and Parks in America (SB & H) | SWU 459: Spirituality and the Helping Professions | |
| TDM 205: Introduction to Travel and Tourism (G) | SWU 460: Legal Issues in Social Work | |
| TDM 458: International Tourism (G) | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**General University Requirements Legend**

**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy (Nonprofit Leadership and Management), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPANLMBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • NLM 160 satisfies part of the college's interdisciplinary requirement.<br>• Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NLM 160: Voluntary Action and Community Leadership (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • For the Interdisciplinary Requirement: NLM 160 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups.<br>• Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| CRD 210: Community Services and Professions | 3 | C | |
| NLM 220: Introduction to Nonprofit Organizations | 3 | C | |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| NLM 300: Fund Raising and Resource Development | 3 | C | |
| PAF 302: Public Service Research Methods | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| NLM 430: Managing Nonprofit Organizations (L) OR NLM 310: Volunteer Management OR NLM 410: Social Entrepreneurship | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
    - NLM 160 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of NLM 160 or PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | SWU 171: Introduction to Social Work (SB & H) | CPP Elective |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) | |
| CRJ 203: Courts and Sentencing | SWU 181: Economics: A Social Issues Perspective | |
| CRJ 204: Juvenile Justice | SWU 182: Social Services Perspective of Government (SB) | |
| CRJ 230: Introduction to Policing | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| CRJ 240: Introduction to Corrections | SWU 250: Stress Management Tools I (SB) | |
| CRJ 260: Substantive Criminal Law | SWU 349: Stress Management Tools II (SB) | |
| CRJ 270: Community Justice (SB) | SWU 456: Immigrants and Refugees (C) | |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | SWU 458: Behavioral Health Services | |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | SWU 459: Spirituality and the Helping Professions | |
| CRJ 309: Criminology (SB) | SWU 460: Legal Issues in Social Work | |
| CRJ 350: Law and Social Control (SB) | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) | |

**Notes:**

- 
    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy (Parks and Recreation Management), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAPRMBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • PRM 120 satisfies part of the college's interdisciplinary requirement.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • For the Interdisciplinary Requirement: PRM 120 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups.<br>• Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| PRM 203: Program Planning | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| PAF 302: Public Service Research Methods | 3 | C | |
| PRM 145: Special Events Management OR PRM 315: Community Recreation Systems OR PRM 370: Public Lands Management OR PRM 380: Wilderness and Parks in America (SB & H) | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| PRM 145: Special Events Management OR PRM 315: Community Recreation Systems OR PRM 370: Public Lands Management OR PRM 380: Wilderness and Parks in America (SB & H) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| *Complete 3 courses:*<br>Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
    - PRM 120 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of PRM 203 or PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | SWU 171: Introduction to Social Work (SB & H) | CPP Elective |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) | |
| CRJ 203: Courts and Sentencing | SWU 181: Economics: A Social Issues Perspective | |
| CRJ 204: Juvenile Justice | SWU 182: Social Services Perspective of Government (SB) | |
| CRJ 230: Introduction to Policing | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| CRJ 240: Introduction to Corrections | SWU 250: Stress Management Tools I (SB) | |
| CRJ 260: Substantive Criminal Law | SWU 349: Stress Management Tools II (SB) | |
| CRJ 270: Community Justice (SB) | SWU 456: Immigrants and Refugees (C) | |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | SWU 458: Behavioral Health Services | |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | SWU 459: Spirituality and the Helping Professions | |
| CRJ 309: Criminology (SB) | SWU 460: Legal Issues in Social Work | |
| CRJ 350: Law and Social Control (SB) | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) | |

**Notes:**

- 
    - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
    - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy (Science and Technology Policy), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFSTBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| *Complete 2 courses:* Interdisciplinary Requirement | 6 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Upper Division Science & Technology Concentration Course | 3 | C | |
| *Complete 2 courses:* Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| PAF 302: Public Service Research Methods | 3 | C | |
| *Complete 2 courses:* Upper Division Science & Technology Concentration Course | 6 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| Upper Division Science & Technology Concentration Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.

- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 |
| --- |
| CRJ 100: Introduction to Criminal Justice (SB) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices |
| CRJ 203: Courts and Sentencing |
| CRJ 204: Juvenile Justice |
| CRJ 230: Introduction to Policing |
| CRJ 240: Introduction to Corrections |
| CRJ 260: Substantive Criminal Law |
| CRJ 270: Community Justice (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) |
| CRJ 309: Criminology (SB) |
| CRJ 350: Law and Social Control (SB) |

| Interdisciplinary Requirement - Area 2 |
| --- |
| CRD 302: Inclusive Community Development (SB & C) |
| CRD 471: Interprofessional Education and Community Health |
| CRD 472: Interprofessional Education and Complex Health |
| CRD 473: Interprofessional Education and Comprehensive Systems Health |
| CSM 201: Introduction to Community Sports |
| NLM 160: Voluntary Action and Community Leadership (SB) |
| NLM 220: Introduction to Nonprofit Organizations |
| PRM 120: Leisure and the Quality of Life (SB) |
| PRM 364: Foundations of Recreation Therapy (SB) |
| PRM 380: Wilderness and Parks in America (SB & H) |
| TDM 205: Introduction to Travel and Tourism (G) |
| TDM 458: International Tourism (G) |

| Interdisciplinary Requirement-Area 3 |
| --- |
| SWU 171: Introduction to Social Work (SB & H) |
| SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| SWU 181: Economics: A Social Issues Perspective |
| SWU 182: Social Services Perspective of Government (SB) |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| SWU 250: Stress Management Tools I (SB) |
| SWU 349: Stress Management Tools II (SB) |
| SWU 456: Immigrants and Refugees (C) |
| SWU 458: Behavioral Health Services |
| SWU 459: Spirituality and the Helping Professions |
| SWU 460: Legal Issues in Social Work |
| SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
| --- |
| CPP Elective |

| Upper Division Science & Technology Concentration Courses |
| --- |
| BIO 312: Bioethics (HU) |
| FIS 336: Science and Technology Policy |
| GPH 314: Global Change (HU & G) |
| HON 494: Law, Science, and Technology |
| JUS 334: Science, Technology and Inequality (C) |
| PAF 350: Introduction to Science & Technology Policy |
| POS 300: Contemporary Global Controversies (SB & G) |
| POS 364: National Security, Intelligence, and Terrorism (SB) |

POS 394: Global Environmental Politics

STS 325: Science, Technology, and Public Policy (SB)

WST 340: Gender, Science, and Technology (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy (Social Services Delivery), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFSSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • SWU 171 satisfies part of the college's interdisciplinary requirement.<br>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHI 101: Introduction to Philosophy (HU) | 3 | C | |
| SWU 171: Introduction to Social Work (SB & H) | 3 | C | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| SWU 291: Social Service Delivery Systems | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • Students can choose one course from any of the three Interdisciplinary areas/track groups.<br>• Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| SWU 295: Foundations of Social Work Practice (SB & C) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| SWU 306: Ethics in Social Services (L) | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| PAF 302: Public Service Research Methods | 3 | C | |
| SWU 311: Integrative Social Work Practice | 3 | C | |
| SWU 312: Integrative Social Work Practice Skills | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| SWU 303: Micro Human Behavior and the Social Environment (L or SB) | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
    - SWU 171 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of SWU 291 or PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CRD 302: Inclusive Community Development (SB & C) | CPP Elective |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | CRD 471: Interprofessional Education and Community Health | |
| CRJ 203: Courts and Sentencing | CRD 472: Interprofessional Education and Complex Health | |
| CRJ 204: Juvenile Justice | CRD 473: Interprofessional Education and Comprehensive Systems Health | |
| CRJ 230: Introduction to Policing | CSM 201: Introduction to Community Sports | |
| CRJ 240: Introduction to Corrections | NLM 160: Voluntary Action and Community Leadership (SB) | |
| CRJ 260: Substantive Criminal Law | NLM 220: Introduction to Nonprofit Organizations | |
| CRJ 270: Community Justice (SB) | PRM 120: Leisure and the Quality of Life (SB) | |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | PRM 364: Foundations of Recreation Therapy (SB) | |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | PRM 380: Wilderness and Parks in America (SB & H) | |
| CRJ 309: Criminology (SB) | TDM 205: Introduction to Travel and Tourism (G) | |
| CRJ 350: Law and Social Control (SB) | TDM 458: International Tourism (G) | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Public Service and Public Policy (Sustainability), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPPAFSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SOC 101: Introductory Sociology (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU freshman students only and is not required for transfer students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOS 110: Sustainable World (SB) | 3 | C | |
| *Complete 2 courses:* Interdisciplinary Requirement | 6 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 200: Public Service and Policy in the 21st Century | 3 | C | • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 201: Economics and Public Policy (SB) | 3 | C | • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| *Complete 3 courses:* Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| PAF 302: Public Service Research Methods | 3 | C | |
| *Complete 2 courses:* Upper Division Sustainability Concentration Elective | 6 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| Upper Division Sustainability Concentration Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |
| *Complete 3 courses:* Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | SWU 171: Introduction to Social Work (SB & H) | CRD 302: Inclusive Community Development (SB & C) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) | CRD 471: Interprofessional Education and Community Health |
| CRJ 203: Courts and Sentencing | SWU 181: Economics: A Social Issues Perspective | CRD 472: Interprofessional Education and Complex Health |
| CRJ 204: Juvenile Justice | SWU 182: Social Services Perspective of Government (SB) | CRD 473: Interprofessional Education and Comprehensive Systems Health |
| CRJ 230: Introduction to Policing | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | CSM 201: Introduction to Community Sports |
| CRJ 240: Introduction to Corrections | SWU 250: Stress Management Tools I (SB) | NLM 160: Voluntary Action and Community Leadership (SB) |
| CRJ 260: Substantive Criminal Law | SWU 349: Stress Management Tools II (SB) | NLM 220: Introduction to Nonprofit Organizations |
| CRJ 270: Community Justice (SB) | SWU 456: Immigrants and Refugees (C) | PRM 120: Leisure and the Quality of Life (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | SWU 458: Behavioral Health Services | PRM 364: Foundations of Recreation Therapy (SB) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | SWU 459: Spirituality and the Helping Professions | PRM 380: Wilderness and Parks in America (SB & H) |
| CRJ 309: Criminology (SB) | SWU 460: Legal Issues in Social Work | TDM 205: Introduction to Travel and Tourism (G) |
| CRJ 350: Law and Social Control (SB) | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) | TDM 458: International Tourism (G) |

| Interdisciplinary Requirement-Area 4 | Sustainability Concentration Electives |
|---|---|
| CPP Elective | SOS 320: Society and Sustainability (L or SB) |
| | SOS 321: Policy and Governance in Sustainable Systems |
| | SOS 322: International Development and Sustainability |
| | SOS 323: Sustainable Urban Dynamics |
| | SOS 324: Sustainable Energy Technology and Systems |
| | SOS 325: The Economics of Sustainability |
| | SOS 326: Sustainable Ecosystems |
| | SOS 327: Sustainable Food and Farms |

**Notes:**

-

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Recreation Therapy, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPRECTBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• For the Interdisciplinary Requirement: SWU 183 (term 3) satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement, Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.<br>• Secure experience to start your 200 career field exploration hours |
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • Secure experience to start your 200 career field exploration hours<br>• Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Build your professional connections --- join the ASU Mentor Network<br>• Secure experience to continue your 200 career field exploration hours |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| PRM 203: Program Planning | 3 | | |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CDE 232: Human Development (SB) | 3 | C | • Securevolunteer experienceto start your 200 career field exploration hours<br>• Explore Child Life<br>• BIO 202 is recommended for students seeking graduate education in health professions |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective ( BIO 202 recommended) | 4 | | |
| Elective | 2 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 301: Sustainable Communities | 3 | C | • Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• PRM 304 - offered Fall semester only<br>• Develop your skills<br>• Secure experience to continue your 200 career field exploration hours |
| PRM 304: Recreation Planning and Facility Development (L) | 3 | C | |
| EXW 330: Kinesiological Foundations of Movement | 4 | | |
| PRM 306: Advanced Programming and Facilitation | 3 | C | |
| PRM 364: Foundations of Recreation Therapy (SB) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 402: Assessment and Evaluation of Community Services | 3 | C | • Successful completion of PRM 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your professional online presence<br>• PRM 400, PRM 406 and PRM 450 - offered Spring semester only<br>• Secureexperienceto continue your 200 career field exploration hours |
| PRM 406: Program Design and Administration in Recreational Therapy | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| PRM 400: Intervention Techniques in Recreational Therapy | 3 | C | |
| PRM 450: Therapeutic Recreation and Community Health | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 384: Recreational Therapy Practicum | 3 | C | • Use Handshake to research employment/internship opportunities<br>• PRM 460 - offered Fall semester only<br>• Explore Handshake Resources to complete your 200 career field exploration hours |
| PRM 413: Leadership and Professional Development in Recreation Therapy | 3 | C | |
| PRM 460: Assessment and Documentation in Recreational Therapy | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| PRM-Therapeutic Recreation Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 463: Senior Internship | 12 | C | • Successful completion of PRM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of PRM 203, CRD 301, PRM 402, or PRM 463 will satisfy the SBL Requirement.

  For the Interdisciplinary Requirement:
    - SWU 183 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.

Hide Course List(s)/Track Group(s)

| Public Service Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 112: Identity, Service and American Democracy (SB & C) | CPP Elective |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 200: Public Service and Policy in the 21st Century | |
| CRJ 203: Courts and Sentencing | PAF 201: Economics and Public Policy (SB) | |
| CRJ 204: Juvenile Justice | PAF 240: Urban Policy (C) | |
| CRJ 230: Introduction to Policing | PAF 311: Leadership and Change (SB) | |
| CRJ 240: Introduction to Corrections | PAF 410: Building Leadership Skills (SB) | |
| CRJ 260: Substantive Criminal Law | | |
| CRJ 270: Community Justice (SB) | | |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | | |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | | |
| CRJ 309: Criminology (SB) | | |
| CRJ 350: Law and Social Control (SB) | | |
| PRM-Therapeutic Recreation Elective (Choose one course) | | |
| CRD 471: Interprofessional Education and Community Health | | |
| CRD 472: Interprofessional Education and Complex Health | | |
| CRD 473: Interprofessional Education and Comprehensive Systems Health | | |
| NLM 300: Fund Raising and Resource Development | | |
| NLM 310: Volunteer Management | | |
| NLM 451: Grant Writing | | |

PRM 335: Sports and Recreation for Youth Development

PRM 350: Tourism, Recreation and Sports Marketing

PRM 380: Wilderness and Parks in America (SB & H)

PRM 440: Advocacy in Therapeutic Recreation

PRM 453: Inclusive and Adaptive Sports and Recreation

PRM 455: Recreational Therapy and Play with Children, Youth and Families

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Social Work, BSW

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus, West campus, ASU@Tucson
PPSWUSWU

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 171: Introduction to Social Work (SB & H) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | 3 | | • Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement.<br>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• By the end of term four, students should have completed the following requirements:<br>1. ECN 211 or SWU 181<br>2. PHI 101 or PHI 105 or SWU 183<br>3. POS 110 or SWU 182<br>• Join a student club or professional organization. |
| ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity Sequence OR<br>Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4-3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17-16 | | |

| Term 3 33 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB) | 3 | | • Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity |

| | | | |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | in the United States" General Studies designation, will satisfy this requirement.<br>• By the end of term four, students should have completed the following requirements:<br>1. ECN 211 or SWU 181<br>2. PHI 101 or PHI 105 or SWU 183<br>3. POS 110 or SWU 182<br>• Develop your skills. |
| Cultural Diversity Sequence OR<br>Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4-3 | | |
| Elective | 3-4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 47 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 291: Social Service Delivery Systems | 3 | C | • Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement.<br>• Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement |
| SWU 295: Foundations of Social Work Practice (SB & C) | 3 | C | |
| Cultural Diversity Sequence OR<br>Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4-3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 2-3 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ECN 211 OR SWU 181 course. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 302: Human Biology for Social Workers | 3 | | • Students who have already completed a human biology course may take an upper division elective in place of SWU 302. See your advisor for permission.<br>• Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement.<br>• Develop your professional online presence. |
| SWU 303: Micro Human Behavior and the Social Environment (L or SB) | 3 | C | |
| SWU 340: Macro Human Behavior and the Social Environment (SB) | 3 | C | |
| SWU 374: Diversity and Oppression in a Social Work Context (C) | 3 | C | |
| Cultural Diversity Sequence OR<br>Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4-3 | | |
| Milestone: Apply for Level 1 fingerprint clearance card. | | | |
| Maintain 3.00 GPA in Major Courses. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16-15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 306: Ethics in Social Services (L) | 3 | C | • BSW Advancement:<br>Successful completion of:<br>SWU 171<br>SWU 295<br>SWU 291<br>SWU 306<br>SWU 311<br>SWU 312 |
| SWU 311: Integrative Social Work Practice | 3 | C | |
| SWU 312: Integrative Social Work Practice Skills | 3 | C | |
| SWU 321: Statistics for Social Workers (CS) | 3 | | |
| Interdisciplinary Requirement | 3 | | |

| | | |
|---|---|---|
| Milestone: Completion of all lower-division university general studies requirements. | | |
| Milestone: Submit materials for BSW advancement. | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Maintain 3.00 GPA in Major Courses. | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

Documented completion of 40 hours human services experience,
Level 1 Fingerprint Clearance Card,
Signed Standards of Professional and Ethical Behavior form.

- For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
- Use Handshake to research employment opportunities.

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 320: Research Methods in Social Work | 3 | C | • Successful completion of SWU 412 will satisfy the college Solution-Based Learning (SBL) Requirement.<br>• Apply for full-time career opportunities.<br>• To maintain BSW Professional Program status, students must sustain an overall GPA of 2.00 and Social Work GPA of 3.00 with no grade lower than a C. |
| SWU 410: Social Work Practice II | 3 | C | |
| SWU 412: Field Instruction I | 3 | C | |
| SWU 413: Field Instruction Seminar | 3 | C | |
| SWU 432: Social Policy and Services | 3 | C | |
| Maintain 3.00 GPA in Major Courses. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SWU 411: Social Work Practice III | 3 | C | • Successful completion of SWU 414 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• To maintain BSW Professional Program status, students must sustain an overall GPA of 2.00 and Social Work GPA of 3.00 with no grade lower than a C.<br>• Students select one course from the BSW Area of Interest course list below. |
| SWU 414: Field Instruction II | 3 | C | |
| SWU 415: Integrative Field Seminar | 3 | C | |
| BSW Area of Interest | 3 | C | |
| Maintain 3.00 GPA in Major Courses. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of SWU 291, SWU 412, or SWU 414 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 112: Identity, Service and American Democracy (SB & C) | CRD 302: Inclusive Community Development (SB & C) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 200: Public Service and Policy in the 21st Century | CRD 471: Interprofessional Education and Community Health |

| | | |
|---|---|---|
| CRJ 203: Courts and Sentencing | PAF 201: Economics and Public Policy (SB) | CRD 472: Interprofessional Education and Complex Health |
| CRJ 204: Juvenile Justice | PAF 240: Urban Policy (C) | CRD 473: Interprofessional Education and Comprehensive Systems Health |
| CRJ 230: Introduction to Policing | PAF 311: Leadership and Change (SB) | CSM 201: Introduction to Community Sports |
| CRJ 240: Introduction to Corrections | PAF 410: Building Leadership Skills (SB) | NLM 160: Voluntary Action and Community Leadership (SB) |
| CRJ 260: Substantive Criminal Law | | NLM 220: Introduction to Nonprofit Organizations |
| CRJ 270: Community Justice (SB) | | PRM 120: Leisure and the Quality of Life (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | | PRM 364: Foundations of Recreation Therapy (SB) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | | PRM 380: Wilderness and Parks in America (SB & H) |
| CRJ 309: Criminology (SB) | | TDM 205: Introduction to Travel and Tourism (G) |
| CRJ 350: Law and Social Control (SB) | | TDM 458: International Tourism (G) |

| | |
|---|---|
| Interdisciplinary Requirement-Area 4 | BSW Area of Interest |
| CPP Elective | SWU 416: Domestic Violence and National AmeriCorps Service |
| | SWU 417: Technology, Interpersonal Relationships and Abuse |
| | SWU 418: Global Violence Against Women |
| | SWU 442: Child Welfare Practice |
| | SWU 454: Overview of Addictions |
| | SWU 456: Immigrants and Refugees (C) |
| | SWU 457: Southwest Borderland Immigration Issues (C) |
| | SWU 458: Behavioral Health Services |
| | SWU 459: Spirituality and the Helping Professions |
| | SWU 460: Legal Issues in Social Work |
| | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |
| | SWU 462: Global Social Welfare (G) |
| | SWU 488: Advocacy Strategies |
| | SWU 498: Pro-Seminar (L) |

**Notes:**

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 3.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Tourism Development and Management, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPTDMBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Secure experience to start your 200 career field exploration hours |
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 205: Introduction to Travel and Tourism (G) | 3 | C | • Build your professional connections --- join the ASU Mentor Network<br>• Secureexperienceto start your 200 career field exploration hours |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Secureexperienceto continue your 200 career field exploration hours |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • Secureexperienceto continue your 200 career field exploration hours |
| TDM Elective Area | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 301: Sustainable Communities | 3 | C | • Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your skills<br>• Secure experience to continue your 200 career field exploration hours |
| TDM 372: Tourism Planning (L) | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| TDM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| TDM Elective Area | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 402: Assessment and Evaluation of Community Services | 3 | C | • Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your professional online presence<br>• Secureexperienceto continue your 200 career field exploration hours<br>• Taking TDM 345 and TDM 356 will yield the Convention Sales and Meeting Planning certificate. |
| TDM 458: International Tourism (G) | 3 | C | |
| TDM 480: Sustainable Tourism | 3 | C | |
| *Complete 2 courses:* TDM Elective Area | 6 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 403: Leadership and Professional Development | 3 | C | • Use Handshake to research employment opportunities<br>• Secure experience to complete your 200 career field exploration hours |
| TDM 401: Tourism Management | 3 | C | |
| Upper Division TDM Elective Area | 3 | C | |
| TDM Elective Area | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 463: Senior Internship | 12 | C | • Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:

- Students can choose courses from any of the four Interdisciplinary areas/track groups.
- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 |
| --- |
| CRJ 100: Introduction to Criminal Justice (SB) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices |
| CRJ 203: Courts and Sentencing |
| CRJ 204: Juvenile Justice |
| CRJ 230: Introduction to Policing |
| CRJ 240: Introduction to Corrections |
| CRJ 260: Substantive Criminal Law |
| CRJ 270: Community Justice (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) |
| CRJ 309: Criminology (SB) |
| CRJ 350: Law and Social Control (SB) |

| Interdisciplinary Requirement-Area 2 |
| --- |
| PAF 112: Identity, Service and American Democracy (SB & C) |
| PAF 200: Public Service and Policy in the 21st Century |
| PAF 201: Economics and Public Policy (SB) |
| PAF 240: Urban Policy (C) |
| PAF 311: Leadership and Change (SB) |
| PAF 410: Building Leadership Skills (SB) |

| Interdisciplinary Requirement - Area 3 |
| --- |
| SWU 171: Introduction to Social Work (SB & H) |
| SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| SWU 181: Economics: A Social Issues Perspective |
| SWU 182: Social Services Perspective of Government (SB) |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| SWU 250: Stress Management Tools I (SB) |
| SWU 349: Stress Management Tools II (SB) |
| SWU 456: Immigrants and Refugees (C) |
| SWU 458: Behavioral Health Services |
| SWU 459: Spirituality and the Helping Professions |
| SWU 460: Legal Issues in Social Work |
| SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
| --- |
| CPP Elective |

| Tourism Development and Management Electives |
| --- |
| CRD Elective |
| CSM Elective ( CSM 201 OR CSM 483 OR CSM 485 recommended) |
| ENG 379: Travel Writing (L) |
| PAF 410: Building Leadership Skills (SB) |
| PRM Elective ( PRM 145 OR PRM 304 OR PRM 470 recommended) |
| NLM Elective |
| TDM 225: Introduction to Resort and Hotel Management |
| TDM 345: Meeting and Convention Planning |
| TDM 386: Convention Sales and Management |

TDM 415: Tourism Transportation Systems

TDM 448: Heritage and Cultural Tourism

TDM 475: Entrepreneurial Recreation and Tourism

TDM 481: Sustainable Food Management in Tourism

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Tourism Development and Management (Meetings and Events), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPTDMMEBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 205: Introduction to Travel and Tourism (G) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • Secure volunteer experience to start your 200 career field exploration hours |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | |
| PRM 203: Program Planning | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 301: Sustainable Communities | 3 | C | • Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your skills |
| TDM 372: Tourism Planning (L) | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| PRM 145: Special Events Management | 3 | C | |
| TDM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 487: Advanced Special Events Management | 3 | C | • Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement.<br>• Develop your professional online presence<br>• PRM 487 is offered in Spring semester only |
| TDM 402: Assessment and Evaluation of Community Services | 3 | C | |
| TDM 345: Meeting and Convention Planning | 3 | C | |
| *Complete 2 courses:*<br>TDM Meetings and Events Concentration Elective | 6 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 403: Leadership and Professional Development | 3 | C | • Research employment and internship opportunities |
| TDM 458: International Tourism (G) | 3 | C | |
| TDM 401: Tourism Management | 3 | C | |
| TDM 480: Sustainable Tourism | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 463: Senior Internship | 12 | C | • Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of CRD 301, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 112: Identity, Service and American Democracy (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 200: Public Service and Policy in the 21st Century | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 201: Economics and Public Policy (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PAF 240: Urban Policy (C) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PAF 311: Leadership and Change (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | PAF 410: Building Leadership Skills (SB) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 | TDM Meetings and Events Concentration Electives (choose two) |
|---|---|
| CPP Elective | PRM 422: Special Event Technology and Production |
| | PRM 423: Special Event Operations |
| | PRM 427: Where's the Money: Special Event Revenue Generation |
| | TDM 386: Convention Sales and Management |
| | TDM 481: Sustainable Food Management in Tourism |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Tourism Development and Management (Resort and Hotel Leadership), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPTDMRBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 205: Introduction to Travel and Tourism (G) | 3 | C | • For the Interdisciplinary Requirement: PAF 410 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.<br>• Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Interdisciplinary Requirement Course | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • Secure volunteer experience to start your 200 career field exploration hours<br>• Activate your Handshake account and build out your profile. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | |
| TDM 225: Introduction to Resort and Hotel Management | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 301: Sustainable Communities | 3 | C | • Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your skills<br>• Secure experience to continue your 200 career field exploration hours |
| TDM 372: Tourism Planning (L) | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| TDM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| Resort and Hotel Leadership Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 402: Assessment and Evaluation of Community Services | 3 | C | • Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• PAF 410 satisfies part of the college's Interdisciplinary requirement.<br>• Develop your professional online presence<br>• TDM 481 and TDM 482 - offered Spring semester only<br>• Secureexperienceto continue your 200 career field exploration hours |
| TDM 481: Sustainable Food Management in Tourism | 3 | C | |
| PAF 410: Building Leadership Skills (SB) | 3 | C | |
| TDM 482: Sustainable Revenue Management | 3 | C | |
| Resort and Hotel Leadership Elective | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 403: Leadership and Professional Development | 3 | C | • Research employment and internship opportunities<br>• Secure experience to complete your 200 career field exploration hours |
| TDM 401: Tourism Management | 3 | C | |
| TDM 458: International Tourism (G) | 3 | C | |
| TDM 480: Sustainable Tourism | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 463: Senior Internship | 12 | C | • Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
    - PAF 410 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
    - Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | SWU 171: Introduction to Social Work (SB & H) | CPP Elective |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) | |
| CRJ 203: Courts and Sentencing | SWU 181: Economics: A Social Issues Perspective | |
| CRJ 204: Juvenile Justice | SWU 182: Social Services Perspective of Government (SB) | |
| CRJ 230: Introduction to Policing | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| CRJ 240: Introduction to Corrections | SWU 250: Stress Management Tools I (SB) | |
| CRJ 260: Substantive Criminal Law | SWU 349: Stress Management Tools II (SB) | |
| CRJ 270: Community Justice (SB) | SWU 456: Immigrants and Refugees (C) | |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | SWU 458: Behavioral Health Services | |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | SWU 459: Spirituality and the Helping Professions | |
| CRJ 309: Criminology (SB) | SWU 460: Legal Issues in Social Work | |
| CRJ 350: Law and Social Control (SB) | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) | |

| Resort and Hotel Leadership Electives |
|---|
| LES 305: Business Law and Ethics for Managers |
| MGT 380: Management and Strategy for Nonmajors |
| PRM 145: Special Events Management |
| PRM 475: Entrepreneurial Recreation and Tourism |
| TDM 345: Meeting and Convention Planning |
| TDM 386: Convention Sales and Management |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Tourism Development and Management (Sustainable Tourism), BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPTDMSBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 205: Introduction to Travel and Tourism (G) | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 210: Community Services and Professions | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Secure volunteer experience to start your 200 career field exploration hours |
| SOS 100: Introduction to Sustainability (G) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | |
| Sustainable Tourism Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 301: Sustainable Communities | 3 | C | • Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your skills |
| TDM 372: Tourism Planning (L) | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| SOS 300: Advanced Concepts and Integrated Approaches in Sustainability | 3 | C | |
| TDM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 402: Assessment and Evaluation of Community Services | 3 | C | • Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Develop your professional online presence<br>• TDM 481 - offered Spring semester only |
| TDM 481: Sustainable Food Management in Tourism | 3 | C | |
| TDM 448: Heritage and Cultural Tourism | 3 | C | |
| TDM 458: International Tourism (G) | 3 | C | |
| Sustainable Tourism Elective | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 403: Leadership and Professional Development | 3 | C | • Research employment and internship opportunities |
| TDM 401: Tourism Management | 3 | C | |
| TDM 480: Sustainable Tourism | 3 | C | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 463: Senior Internship | 12 | C | • Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
    - Students must complete one SBL course by degree completion.
    - Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 |
|---|
| CRJ 100: Introduction to Criminal Justice (SB) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices |
| CRJ 203: Courts and Sentencing |
| CRJ 204: Juvenile Justice |
| CRJ 230: Introduction to Policing |
| CRJ 240: Introduction to Corrections |
| CRJ 260: Substantive Criminal Law |
| CRJ 270: Community Justice (SB) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) |
| CRJ 309: Criminology (SB) |
| CRJ 350: Law and Social Control (SB) |

| Interdisciplinary Requirement-Area 2 |
|---|
| PAF 112: Identity, Service and American Democracy (SB & C) |
| PAF 200: Public Service and Policy in the 21st Century |
| PAF 201: Economics and Public Policy (SB) |
| PAF 240: Urban Policy (C) |
| PAF 311: Leadership and Change (SB) |
| PAF 410: Building Leadership Skills (SB) |

| Interdisciplinary Requirement - Area 3 |
|---|
| SWU 171: Introduction to Social Work (SB & H) |
| SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| SWU 181: Economics: A Social Issues Perspective |
| SWU 182: Social Services Perspective of Government (SB) |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| SWU 250: Stress Management Tools I (SB) |
| SWU 349: Stress Management Tools II (SB) |
| SWU 456: Immigrants and Refugees (C) |
| SWU 458: Behavioral Health Services |
| SWU 459: Spirituality and the Helping Professions |
| SWU 460: Legal Issues in Social Work |
| SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
|---|
| CPP Elective |

| Sustainable Tourism Electives |
|---|
| PRM 370: Public Lands Management |
| PRM 470: Environmental Communication |
| TDM 225: Introduction to Resort and Hotel Management |
| TDM 415: Tourism Transportation Systems |
| TDM 475: Entrepreneurial Recreation and Tourism |
| TDM 482: Sustainable Revenue Management |
| TDM 483: Sports Tourism |

**Notes:**

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Tourism and Recreation Management, BS

School/College: Watts College of Public Service & Community Solut
Location: ASU@Lake Havasu
PPTRMBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 205: Introduction to Travel and Tourism (G) | 3 | C | • Network in your career interest area |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • Secure volunteer experience to start your 200 career field exploration hours |
| PRM 210: Leisure Delivery Systems | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 203: Program Planning | 3 | C | • Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Students select one emphasis area below and choose core courses and emphasis electives from the same area. Students must select one of the following four emphases:<br>Events<br>Tourism<br>Recreation<br>Sport |
| Emphasis Core Course | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | • Develop your skills |
| PRM 380: Wilderness and Parks in America (SB & H) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| CRD 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| Emphasis Core Course | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 401: Managing Leisure Enterprises | 3 | C | • Successful completion of CRD 402 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• Students select one emphasis area below and choose core courses and emphasis electives from the same area.<br>• Develop your professional online presence |
| Emphasis Elective Course | 3 | C | |
| CRD 402: Assessment and Evaluation of Community Services | 3 | C | |
| PRM 310: Volunteer Management | 3 | C | |
| Upper Division Emphasis Elective Course | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 403: Leadership and Professional Development | 3 | C | • Students select one emphasis area below and choose core courses and emphasis electives from the same area.<br>• Use Handshake to research employment and internship opportunities |
| Upper Division Emphasis Elective Course | 3 | C | |
| Emphasis Core Course | 3 | C | |
| Upper Division Elective | 3 | | |

| | | |
|---|---|---|
| Elective | 3 | |
| Term hours subtotal: | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PRM 484: Internship or TDM 484: Internship or CSM 484: Internship OR CRD 435: Service Learning for Community Development AND Additional Emphasis Elective | 6 | C | • Successful completion of PRM 484, TDM 484, CSM 484, or CRD 435 will satisfy the college Solution-Based Learning (SBL) Requirement |
| *Complete 2 courses:* Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of PRM 203, CRD 402, TDM 484, PRM 484, CSM 484 or CRD 435 will satisfy the SBL requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 112: Identity, Service and American Democracy (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 200: Public Service and Policy in the 21st Century | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 201: Economics and Public Policy (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PAF 240: Urban Policy (C) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PAF 311: Leadership and Change (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | PAF 410: Building Leadership Skills (SB) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 | Events Emphasis Core Courses (grade of "C" required) | Events Emphasis Elective Courses (choose 3 courses; grade of "C" required) |
|---|---|---|

| | | |
|---|---|---|
| CPP Elective | PRM 145: Special Events Management | CSM 483: Sports Tourism |
| | PRM 487: Advanced Special Events Management | CSM 485: Sports Events |
| | TDM 345: Meeting and Convention Planning | PRM 475: Entrepreneurial Recreation and Tourism |
| | | TDM 345: Meeting and Convention Planning |
| | | TDM 386: Convention Sales and Management |
| Recreation Emphasis Core Courses (grade of "C" required) | Recreation Emphasis Elective Courses (choose 3 courses; grade of "C" required) | Sport Emphasis Core Courses (grade of "C" required) |
| PRM 201: Introduction to Community Sports | GIS 494: GIS Methods for Non-Majors | CSM 201: Introduction to Community Sports |
| PRM 364: Foundations of Recreation Therapy (SB) | PRM 145: Special Events Management | CSM 483: Sports Tourism |
| PRM 475: Entrepreneurial Recreation and Tourism | PRM 455: Recreational Therapy and Play with Children, Youth and Families | CSM 485: Sports Events |
| | PRM 485: Sports Events | |
| | PRM 487: Advanced Special Events Management | |
| | TDM 345: Meeting and Convention Planning | |
| | TDM 448: Heritage and Cultural Tourism | |
| | TDM 480: Sustainable Tourism | |
| Sport Emphasis Elective Courses (choose 3 courses; grade of "C" required) | Tourism Emphasis Core Course (grade of "C" required) | Tourism Emphasis Elective Courses (choose 3 courses; grade of "C" required) |
| PRM 145: Special Events Management | TDM 225: Introduction to Resort and Hotel Management | PRM 145: Special Events Management |
| PRM 364: Foundations of Recreation Therapy (SB) | TDM 458: International Tourism (G) | TDM 345: Meeting and Convention Planning |
| PRM 487: Advanced Special Events Management | TDM 480: Sustainable Tourism | TDM 386: Convention Sales and Management |
| TDM 345: Meeting and Convention Planning | | TDM 448: Heritage and Cultural Tourism |
| TDM 458: International Tourism (G) | | TDM 475: Entrepreneurial Recreation and Tourism |
| TDM 475: Entrepreneurial Recreation and Tourism | | TDM 483: Sports Tourism |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Tourism and Recreation Management, BS

School/College: Watts College of Public Service & Community Solut
Location: Online, ASU Local@Los Angeles
PPTRMBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 210: Leisure Delivery Systems | 3 | C | • Build your professional connections --- join the ASU Mentor Network |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TDM 205: Introduction to Travel and Tourism (G) | 3 | C | • Secure volunteer experience to start your 200 career field exploration hours |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|---|---|---|---|

| Term 3 - B 33 - 39 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) | 3 | | • Consider combining your electives into one of the online minors. Suggestions include:<br>anthropology<br>business<br>organizational leadership<br>sociology<br>sustainability |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 39 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| COM 225: Public Speaking (L) OR ENG 301: Writing for the Professions (L) | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 203: Program Planning | 3 | C | • Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | • Develop your skills |
| PRM 380: Wilderness and Parks in America (SB & H) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Emphasis Core Course | 3 | C | • Students select one emphasis area below and choose core courses and emphasis electives from the same area. Students must select one of the following four emphases:<br>events<br>tourism<br>recreation<br>sport |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Emphasis Core Course | 3 | C | |
| CRD 350: Tourism, Recreation and Sports Marketing | 3 | C | |

| | | | |
|---|---|---|---|
| Term hours subtotal: | 6 | | • Students select one emphasis area below and choose core courses and emphasis electives from the same area. |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PRM 310: Volunteer Management | 3 | C | • Core and elective courses for each emphasis are shown at the bottom of the major map. |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Develop your professional online presence |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Emphasis Elective Course | 3 | C | • Students select one emphasis area below and choose core courses and emphasis electives from the same area. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Emphasis Core Course | 3 | C | • Successful completion of CRD 402 will satisfy the college Solution-Based Learning (SBL) Requirement.<br>• Students select one emphasis area below and choose core courses and emphasis electives from the same area. |
| CRD 402: Assessment and Evaluation of Community Services | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 401: Managing Leisure Enterprises | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CRD 403: Leadership and Professional Development | 3 | C | Use Handshake to research employment and internship opportunities |
| Upper Division Emphasis Elective Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Upper Division Emphasis Elective Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|---|---|---|---|

| Term 10 - A 111 - 114 Credit Hours | Hours | Grade | Notes |
|---|---|---|---|
| Upper Division Elective | 3 | | • Students select one emphasis area below and choose core courses and emphasis electives from the same area. |
| Term hours subtotal: | 3 | | |

| Term 10 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ PRM 484: Internship or TDM 484: Internship or CSM 484: Internship OR CRD 435: Service Learning for Community Development AND Additional Emphasis Elective | 6 | C | • PRM 484, TDM 484, CSM 484, or CRD 435 offered as a C Session course.<br>• Successful completion of PRM 484, TDM 484, CSM 484, or CRD 435 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 6 | | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of PRM 203, CRD 402, TDM 484, PRM 484, CSM 484 or CRD 435 will satisfy the SBL requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 311: Leadership and Change (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PAF 410: Building Leadership Skills (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender, Crime, and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | | SWU 460: Legal Issues in Social Work |
| CRJ 309: Criminology (SB) | | |
| CRJ 350: Law and Social Control (SB) | | |

| | | |
|---|---|---|
| | | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | Events Emphasis Core Courses (grade of "C" required) | Events Emphasis Elective Courses (choose 3 courses; grade of "C" required) |
| CPP Elective | PRM 145: Special Events Management | CSM 483: Sports Tourism |
| | PRM 487: Advanced Special Events Management | CSM 485: Sports Events |
| | TDM 345: Meeting and Convention Planning | PRM 475: Entrepreneurial Recreation and Tourism |
| | | TDM 345: Meeting and Convention Planning |
| | | TDM 386: Convention Sales and Management |
| Recreation Emphasis Core Courses (grade of "C" required) | Recreation Emphasis Elective Courses (choose 3 courses; grade of "C" required) | Sport Emphasis Core Courses (grade of "C" required) |
| PRM 201: Introduction to Community Sports | PRM 145: Special Events Management | CSM 201: Introduction to Community Sports |
| PRM 364: Foundations of Recreation Therapy (SB) | PRM 455: Recreational Therapy and Play with Children, Youth and Families | CSM 483: Sports Tourism |
| PRM 475: Entrepreneurial Recreation and Tourism | PRM 485: Sports Events | CSM 485: Sports Events |
| | PRM 487: Advanced Special Events Management | |
| | TDM 345: Meeting and Convention Planning | |
| | TDM 448: Heritage and Cultural Tourism | |
| | TDM 480: Sustainable Tourism | |
| | GIS 494: GIS Methods for Non-Majors | |
| Sport Emphasis Elective Courses (choose 3 courses; grade of "C" required) | Tourism Emphasis Core Course (grade of "C" required) | Tourism Emphasis Elective Courses (choose 3 courses; grade of "C" required) |
| PRM 145: Special Events Management | TDM 225: Introduction to Resort and Hotel Management | PRM 145: Special Events Management |
| PRM 364: Foundations of Recreation Therapy (SB) | TDM 458: International Tourism (G) | TDM 345: Meeting and Convention Planning |
| PRM 487: Advanced Special Events Management | TDM 480: Sustainable Tourism | TDM 386: Convention Sales and Management |
| TDM 458: International Tourism (G) | | TDM 448: Heritage and Cultural Tourism |
| TDM 475: Entrepreneurial Recreation and Tourism | | TDM 475: Entrepreneurial Recreation and Tourism |
| TDM 345: Meeting and Convention Planning | | TDM 483: Sports Tourism |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Urban and Metropolitan Studies, BS

School/College: Watts College of Public Service & Community Solut
Location: Downtown Phoenix campus
PPURBBS

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• ASU 101 is for ASU first-year students only and is not required for transfer students<br>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.<br>• Build your professional connections --- join the ASU Mentor Network |
| MAT 142: College Mathematics (MA) | 3 | | |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 220: Introduction to Urban America | 3 | C | • Develop your skills |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| *Complete 2 courses:*<br>Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 240: Urban Policy (C) | 3 | C | • Explore an internship |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| *Complete 2 courses:* Elective | 6 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 351: Urban and Metropolitan Studies | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| *Complete 2 courses:* POS OR PUP OR GPH OR GCU OR MGT OR PAF OR HST OR SBS OR SOS OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR ASB Elective | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 302: Public Service Research Methods | 3 | C | • Complete an in person or virtual practice interview |
| PAF 305: Urban Governance | 3 | C | |
| POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR PAF Upper Division Elective | 3 | C | |
| POS OR PUP OR GPH OR GCU OR MGT OR PAF OR HST OR SBS OR SOS OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR ASB Elective | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 352: Urban Theory | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| PAF 484: Internship | 3 | Y | |
| PAF 410: Building Leadership Skills (SB) | 3 | C | |
| *Complete 2 courses:* POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR PAF Upper Division Elective | 6 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 400: Senior Capstone Project | 3 | C | |

| | | |
|---|---|---|
| POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR PAF Upper Division Elective | 3 | C |
| *Complete 2 courses:*<br>Upper Division Elective | 6 | |
| Term hours subtotal: | 12 | |

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

  For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CRD 302: Inclusive Community Development (SB & C) | SWU 171: Introduction to Social Work (SB & H) |
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| CRJ 204: Juvenile Justice | CRD 473: Interprofessional Education and Comprehensive Systems Health | SWU 182: Social Services Perspective of Government (SB) |
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| CRJ 240: Introduction to Corrections | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | NLM 220: Introduction to Nonprofit Organizations | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | PRM 120: Leisure and the Quality of Life (SB) | SWU 456: Immigrants and Refugees (C) |
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| CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | PRM 380: Wilderness and Parks in America (SB & H) | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | TDM 205: Introduction to Travel and Tourism (G) | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | TDM 458: International Tourism (G) | SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) |

| Interdisciplinary Requirement-Area 4 |
|---|
| CPP Elective |

**Notes:**

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- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Applied Science (Early Childhood Studies), BAS

School/College: Mary Lou Fulton Teachers College
Location: Online, ASU Local@Los Angeles
TEAPSECBAS

| **Applicable Community College Prerequisites 0 - 60 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| AAS Degree Transfer Block | 60 | | • Students may meet lower division general studies requirements with the AAS degree.<br>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.<br>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |

| **Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ ECD 327: Becoming a Teacher Leader | 3 | C | • Students must secure an approved ASU work or volunteer placement for upper-division coursework. The MLFTC Office of Professional Experiences (OPE) supports all site placements for students in our college. For students who do not have an existing placement at a site that teaches young children and that meets the requirements of ASU, OPE will help find an appropriate placement. |
| FAS 370: Family Ethnic and Cultural Diversity (SB & C) | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 5 - B 69 - 78 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ ECD 310: Applied Early Child Development | 3 | C | • Join a student club or Early Childhood Professional organization (for example, NAEYC or AzAEYC). |
| Upper Division Elective ( ECS 312 recommended) | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 6 - A 78 - 87 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ ECS 321: Communication, Language Development, and Emergent Literacy | 3 | C | • Develop your professional online presence. |
| CDE 350: Inequality and Diversity in Education (L & C) | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 9 |

| Term 6 - B 87 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECD 325: Supporting Dual Language Learners | 3 | C | • Complete an in person or virtual practice interview. |
| CDE 430: Infant/Toddler Development in the Family (SB) | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECD 322: Cognition and General Knowledge: Science, Math, Logic and Reasoning | 3 | C | |
| ★ ECS 315: Classroom Organization and Child Guidance | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 410: Building Leadership Skills (SB) | 3 | C | • Apply for full-time career opportunities. |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECS 427: Highly Individualized Teaching and Learning | 3 | C | |
| ★ ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECD 476: Intentional Teaching | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- • First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- • Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120 **General University Requirements Legend**

**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Early Childhood and Early Childhood Special Education, BAE

School/College: Mary Lou Fulton Teachers College
Location: Tempe campus
TEECSEBAE

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Humanities, Arts and Design (HU) ( RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills. |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching | 3 | C | |

| | | |
|---|---|---|
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 208 recommended) | 4 | C |
| Elective | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 17 | |

| Term 4 47 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • GCU 113 meets the US and AZ constitution requirement for teacher certification.<br>• Develop your professional online presence.<br>• Must complete a minimum of 60 credits, including all foundational coursework, to progress into upper-division education courses. |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Historical Awareness (H) ( GCU 113 recommended) | 3 | | |
| Literacy and Critical Inquiry (L) AND Global Awareness (G) | 3 | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECD 396: Student Teaching: Early Childhood (Ages Birth-5) | 4 | C | |
| ECD 321: Emerging Language and Literacy | 3 | C | |
| ECS 310: Foundations in Typical / Atypical Child Development | 3 | C | |
| ECS 312: Social and Emotional Development of the Young Child (SB) | 3 | C | |
| ECS 316: Assessment/Evidence-based Practice | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECS 397: Student Teaching: Inclusive Early Childhood (Ages Birth-5) | 4 | C | • Complete an in person or virtual practice interview |
| ECS 315: Classroom Organization and Child Guidance | 3 | C | |
| ECS 420: Evaluation and Intervention Strategies for Infants, Toddlers and Preschoolers with Disabilities | 3 | C | |
| ECS 431: Family, Community and Professional Support Systems | 3 | C | |
| MTE 310: Number Sense, Spatial Relationships, and Measurement and Data for Early Childhood Education Teaching | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECS 478: Student Teaching: Special Education (Grades K-3) | 5 | C | |
| ECD 418: Instructional Methods for Young Children: Integrating Digital Media | 3 | C | |

| | | |
|---|---|---|
| ECS 412: Mathematics Curriculum, Instruction and Assessment | 3 | C |
| ECS 413: Literacy Curriculum, Instruction and Assessment (L) | 3 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 14 | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECD 478: Student Teaching: Early Childhood (Grades K-3) | 5 | C | |
| ECS 411: Instructional Methodologies for Young Children: STEM | 3 | C | |
| ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education | 3 | C | |
| SPE 317: Special Education for Culturally and Linguistically Diverse Children and Youth | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Education Exploratory

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TEEDUEXPL

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest area and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Milestone: Students must declare a BAE major upon the completion of 30 credits. Please meet with a Teachers College advisor to declare one of the BAE programs. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 30
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Educational Studies, BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
EDSLSTBAE

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization<br>• Consider studying abroad. Meet with your advisor for more information.<br>• TEL 215 is the preferred course |
| CDE 232: Human Development (SB) OR TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills<br>• Select one track option from options below and complete all courses listed within the same track |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |

| | |
|---|---|
| Term hours subtotal: | 16 |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • Develop your professional online presence<br>• Meet with Teachers College Career Coach before the end of the term. |
| TEL 200: Social Embeddedness of Educational Endeavors | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDU 301: Why Education? | 3 | C | • Students must secure an approved ASU work or volunteer placement for internships. It is recommended that this be secured three months before the start of your internship. The MLFTC Office of Professional Experiences (OPE)supports all site placements for students in our college. For students who do not have an existing placement at a site that teaches young children and that meets the requirements of ASU, OPE will help find an appropriate placement. |
| EDU 302: Diversity in Learning Contexts | 3 | C | |
| LSE 303: Human Development: Addressing Learner Capabilities | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDU 304: The Bridge Between Coursework, Identity and Career | 2 | C | • Use Handshake to researchemployment opportunities |
| EDU 396: Internship in Non-profit Learning Environments | 3 | C | |
| LSE 305: Conceptualizing Learning: Theories in Practice | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Educational Studies Track Course | 3 | C | |
| Upper Division Elective | 1 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDU 402: Partnering to Advance Educational Initiatives | 3 | C | • Complete an in-person or virtual practice interview<br>• Apply for full-time career opportunities |
| EDU 484: Internship | 3 | C | |
| LSE 401: Designing Learning Environments for Inclusion | 3 | C | |
| *Complete 2 courses:*<br>Educational Studies Track Course | 6 | C | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | |
|---|---|---|
| EDU 404: Navigating Change in Educational Innovations | 3 | C |
| EDU 498: Pro-seminar | 4 | C |
| Educational Studies Track Course | 3 | C |
| Upper Division Elective | 4 | |
| Term hours subtotal: | 14 | |

- Select one track from the options below and complete all courses listed within the same track.

Hide Course List(s)/Track Group(s)

| Business | Community Health | Environmental Education |
|---|---|---|
| ACC 382: Accounting and Financial Analysis | HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | SCN 207: Introduction to Biomimicry or SCN 307: Learning from Nature: Biomimicry and STEM |
| ECN 211: Macroeconomic Principles (SB) | HCR 231: Fundamentals of Community Health | SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G) or SCN 308: Urban Environmental Education |
| FIN 380: Personal Financial Management | HCR 331: Communication within Communities | SCN 301: Ecology and Natural History of the Sonoran Desert (SG) |
| MGT 380: Management and Strategy for Nonmajors | HCR 335: Program Development and Management for Community Health | SCN 302: Environmental Education (L & G) |
| MKT 390: Essentials of Marketing | HCR 435: Leaders in Community Health | SCN 310: Biodiversity Conservation: An Educational Inquiry |

| Family and Human Development | Global Studies | Health Innovation |
|---|---|---|
| FAS 101: Personal Growth in Human Relationships (SB) | SGS 101: Thinking Globally: The Individual and Authority (SB & G) | HCI 311: Health Innovation: Foundational Concepts |
| FAS 264: Gender and Society (SB & C) | SGS 303: Global Trends (SB & G) | HCI 412: Transforming Health Care: A Systems Perspective for Innovation |
| FAS 331: Marriage and Family Relationships (SB) | SGS 340: Violence, Conflict and Human Rights | HCI 421: Health Care Policy: The Innovator's View |
| FAS 370: Family Ethnic and Cultural Diversity (SB & C) | SGS Lower Division Elective | HCI 425: Facilitating Innovation to Achieve Outcomes |
| CDE Upper Division Elective | SGS Upper Division Elective | HCI 428: Technology: A Tool to Advance Innovation in Health Care |

| Nonprofit Administration | Organizational Leadership | Personal Health |
|---|---|---|
| NLM 160: Voluntary Action and Community Leadership (SB) | OGL 200: Introduction to Organizational Leadership (SB) | EXW 325: Fitness for Life |
| NLM 220: Introduction to Nonprofit Organizations | OGL 220: Behavioral Dynamics in Organizations (SB) | HEP 303: Human Sexuality for Health Education |
| NLM 300: Fund Raising and Resource Development | OGL 320: Foundations of Project Management | NTR 100: Introduction to Nutrition Science |
| NLM 310: Volunteer Management | OGL 340: Organizational Skills | HSC 355: Eating for Lifelong Health (SB) |
| | | EXW OR HEP Upper Division Elective |

| | |
|---|---|
| NLM 430: Managing Nonprofit Organizations (L) | OGL 355: Leading Organizational Innovation and Change |
| Political Science | Recreation Management |
| POS 110: American Government and Politics (SB) | CRD 210: Community Services and Professions |
| POS 150: Comparative Government (SB & G) | CRD 302: Inclusive Community Development (SB & C) |
| POS 210: Political Ideologies (SB) | PRM 120: Leisure and the Quality of Life (SB) |
| POS 360: World Politics (SB & G) | PRM 304: Recreation Planning and Facility Development (L) |
| POS Upper Division Elective | PRM 401: Managing Leisure Enterprises |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Educational Studies, BAE

School/College: Mary Lou Fulton Teachers College
Location: Online, ASU Local@Los Angeles
EDSLSTBAE

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU |
| ASU 101-ONL: The ASU Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | • View ASU Online first-year student registration information here.<br>• Build your professional connections -- join the ASU Mentor Network |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 22 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| CDE 232: Human Development (SB) OR TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 22 - 29 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | Consider studying abroad. Meet with your advisor for more information. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 29 - 35 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |

| | |
|---|---|
| Term hours subtotal: | 6 |

| Term 3 - B 35 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | • Select one track option from options below and complete all courses listed within the same track |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 9 | | |

| Term 4 - A 44 - 53 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • Meet with Teachers College career coach before the end of the term. |
| TEL 200: Social Embeddedness of Educational Endeavors | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 53 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDU 301: Why Education? | 3 | C | • Students must secure an approved ASU work or volunteer placement for internships. It is recommended that this be secured three months before the start of your internship. The MLFTC Office of Professional Experiences (OPE)supports all site placements for students in our college. For students who do not have an existing placement at a site that teaches young children and that meets the requirements of ASU, OPE will help find an appropriate placement. |
| Educational Studies Track Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 9 | | • Develop your professional online presence |

| Term 5 - B 69 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDU 302: Diversity in Learning Contexts | 3 | C | |
| LSE 303: Human Development: Addressing Learner Capabilities | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8 | | |

| Term 6 - A 77 - 85 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDU 304: The Bridge Between Coursework, Identity and Career | 2 | C | • EDU 396 is a 15 week, C session course. |
| EDU 396: Internship in Non-profit Learning Environments | 3 | C | |

| | | |
|---|---|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 8 | |

| Term 6 - B 85 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ LSE 305: Conceptualizing Learning: Theories in Practice | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 91 - 100 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ EDU 402: Partnering to Advance Educational Initiatives | 3 | C | • EDU 484 is a 15 week, C session course. |
| ★ EDU 484: Internship | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 100 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ LSE 401: Designing Learning Environments for Inclusion | 3 | C | • Gather professional references |
| Educational Studies Track Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 106 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ EDU 404: Navigating Change in Educational Innovations | 3 | C | • Apply for full-time career opportunities |
| ★ EDU 498: Pro-seminar | 4 | C | • EDU 498 is a 15 week, C session course. |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 8 | | |

| Term 8 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Educational Studies Track Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Select one track from the options below and complete all courses listed within the same track.

Hide Course List(s)/Track Group(s)

| Business | Community Health | Family and Human Development |
|---|---|---|
| ACC 382: Accounting and Financial Analysis | HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | FAS 101: Personal Growth in Human Relationships (SB) |
| ECN 211: Macroeconomic Principles (SB) | HCR 231: Fundamentals of Community Health | FAS 264: Gender and Society (SB & C) |
| FIN 380: Personal Financial Management | HCR 331: Communication within Communities | FAS 331: Marriage and Family Relationships (SB) |
| MGT 380: Management and Strategy for Nonmajors | | |

| | | |
|---|---|---|
| MKT 390: Essentials of Marketing | HCR 335: Program Development and Management for Community Health | FAS 370: Family Ethnic and Cultural Diversity (SB & C) |
| | HCR 435: Leaders in Community Health | CDE Upper Division Elective |
| **Global Studies** | **Health Innovations** | **Organizational Leadership** |
| SGS 101: Thinking Globally: The Individual and Authority (SB & G) | HCI 311: Health Innovation: Foundational Concepts | OGL 200: Introduction to Organizational Leadership (SB) |
| SGS 303: Global Trends (SB & G) | HCI 412: Transforming Health Care: A Systems Perspective for Innovation | OGL 220: Behavioral Dynamics in Organizations (SB) |
| SGS 340: Violence, Conflict and Human Rights | HCI 421: Health Care Policy: The Innovator's View | OGL 320: Foundations of Project Management |
| SGS Lower Division Elective | HCI 425: Facilitating Innovation to Achieve Outcomes | OGL 340: Organizational Skills |
| SGS Upper Division Elective | HCI 428: Technology: A Tool to Advance Innovation in Health Care | OGL 355: Leading Organizational Innovation and Change |
| **Personal Health** | **Political Science** | |
| EXW 325: Fitness for Life | POS 110: American Government and Politics (SB) | |
| HEP 303: Human Sexuality for Health Education | POS 150: Comparative Government (SB & G) | |
| HSC 355: Eating for Lifelong Health (SB) | POS 210: Political Ideologies (SB) | |
| NTR 100: Introduction to Nutrition Science | POS 360: World Politics (SB & G) | |
| EXW OR HEP Upper Division Elective | POS Upper Division Elective | |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Educational Studies (Early Childhood Studies), BAE

School/College: Mary Lou Fulton Teachers College
Location: Online, ASU Local@Los Angeles
TEESECEBAE

**This program's name has changed effective Fall 2021. The previous name was Educational Studies (Early Childhood Education).**

| **Term 1 - A 0 - 7 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ASU 101-ONL: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| **Term 1 - B 7 - 13 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| TEL 111: Exploration of Education (SB) | 3 | C | • View ASU Online first-year registration information here.<br>• Build your professional connections -- join the ASU Mentor Network. |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 6 | | |

| **Term 2 - A 13 - 22 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 9 | | |

| **Term 2 - B 22 - 29 Credit Hours** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| **Term 3 - A 29 - 38 Credit Hours Critical course signified by** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|

| | | | |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 1 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 45 - 54 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • Students must secure an approved ASU work or volunteer placement for upper-division coursework. The MLFTCOffice of Professional Experiences (OPE)supports all site placements for students in our college. For students who do not have an existing placement at a site that teaches young children and that meets the requirements of ASU, OPE will help find an appropriate placement. |
| TEL 200: Social Embeddedness of Educational Endeavors | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 54 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECD 220: Introduction to Nutrition, Health and Safety | 2 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECD 327: Becoming a Teacher Leader | 3 | C | • Students must secure an approved ASU work or volunteer placement for upper division coursework.<br>• Select one track option from below and complete all courses listed within the same track.<br>• Develop your professional online presence. |
| FAS 370: Family Ethnic and Cultural Diversity (SB & C) | 3 | C | |
| Upper Division Elective ( ECS 312 recommended) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECD 310: Applied Early Child Development | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ECS 321: Communication, Language Development, and Emergent Literacy | 3 | C | |

| | | |
|---|---|---|
| CDE 350: Inequality and Diversity in Education (L & C) | 3 | C |
| Educational Studies Track Course | 3 | C |
| Term hours subtotal: | 9 | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECD 325: Supporting Dual Language Learners | 3 | C | |
| CDE 430: Infant/Toddler Development in the Family (SB) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECS 315: Classroom Organization and Child Guidance | 3 | C | |
| ★ ECD 322: Cognition and General Knowledge: Science, Math, Logic and Reasoning | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PAF 410: Building Leadership Skills (SB) | 3 | C | • Gather professional references |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECS 427: Highly Individualized Teaching and Learning | 3 | C | • Apply for full-time career opportunities |
| ★ ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ ECD 476: Intentional Teaching | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Select one track option from below and complete all courses listed within the same track.

Hide Course List(s)/Track Group(s)

| Business | Community Health | Family and Human Development |
|---|---|---|
| ACC 382: Accounting and Financial Analysis | HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | CDE 450: Child Dysfunction in the Family |
| ECN 211: Macroeconomic Principles (SB) | HCR 231: Fundamentals of Community Health | FAS 264: Gender and Society (SB & C) |
| FIN 380: Personal Financial Management | | FAS 101: Personal Growth in Human Relationships (SB) |

| | | |
|---|---|---|
| MGT 380: Management and Strategy for Nonmajors | HCR 331: Communication within Communities | FAS 331: Marriage and Family Relationships (SB) |
| MKT 390: Essentials of Marketing | HCR 335: Program Development and Management for Community Health | CDE Upper Division Elective |
| | HCR 435: Leaders in Community Health | |

| Global Studies | Health Innovations | Organizational Leadership |
|---|---|---|
| SGS 101: Thinking Globally: The Individual and Authority (SB & G) | HCI 311: Health Innovation: Foundational Concepts | OGL 200: Introduction to Organizational Leadership (SB) |
| SGS 303: Global Trends (SB & G) | HCI 412: Transforming Health Care: A Systems Perspective for Innovation | OGL 220: Behavioral Dynamics in Organizations (SB) |
| SGS 340: Violence, Conflict and Human Rights | HCI 421: Health Care Policy: The Innovator's View | OGL 320: Foundations of Project Management |
| SGS Lower Division Elective | HCI 425: Facilitating Innovation to Achieve Outcomes | OGL 340: Organizational Skills |
| SGS Upper Division Elective | HCI 428: Technology: A Tool to Advance Innovation in Health Care | OGL 355: Leading Organizational Innovation and Change |

| Personal Health | Political Science |
|---|---|
| EXW 325: Fitness for Life | POS 110: American Government and Politics (SB) |
| HEP 303: Human Sexuality for Health Education | POS 150: Comparative Government (SB & G) |
| HSC 355: Eating for Lifelong Health (SB) | POS 210: Political Ideologies (SB) |
| NTR 100: Introduction to Nutrition Science | POS 360: World Politics (SB & G) |
| EXW OR HEP Upper Division Elective | POS Upper Division Elective |

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Elementary Education, BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus, ASU@Lake Havasu, ASU@The Gila Valley
TEEEDBAE

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Humanities, Arts and Design (HU) ( RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching | 3 | C | |
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 208 recommended) | 4 | C |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • GCU 113 meets the US and AZ constitution requirement for teacher certification.<br>• Must complete at least 60 credits, including all foundational coursework, to progress into upper division.<br>• Develop your professional online presence |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Historical Awareness (H) ( GCU 113 recommended) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EED 396: Clinical Experience I | 2 | C | • Complete an in person or virtual practice interview |
| BLE 408: SEI for Linguistically Diverse Learners (L) | 3 | C | |
| EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
| EED 411: Science in Elementary Schools | 3 | C | |
| EED 433: Language Method Management and Assessment | 3 | C | |
| MTE 311: Geometry, Algebra, Statistics and Probability for K-8 Teaching | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EED 397: Clinical Experience II | 2 | C | |
| EED 324: Social Studies in Elementary Schools | 3 | C | |
| EED 412: Mathematics in Elementary Schools | 3 | C | |
| RDG 322: Language Literacy 1 in Elementary Schools | 3 | C | |
| SCN 400: Sustainability Science for Teachers | 3 | C | |
| SPE 323: Behavioral Strategies for All Students | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 7 94 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EED 478: Student Teaching: Elementary School (Grades 1-8) | 5 | C | |
| BLE 404: Instructional Design for Culturally and Linguistically Diverse Students | 3 | C | |
| RDG 413: Language Literacy 2 in Elementary Schools | 3 | C | |

| | | |
|---|---|---|
| SPE 416: Quality Practices in the Collaborative Classroom | 3 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 14 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ EED 478: Student Teaching: Elementary School (Grades 1-8) | 12 | C | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Elementary Education (Educating Multilingual Learners), BAE

School/College: Mary Lou Fulton Teachers College
Location: Tempe campus
TEDLLBAE

**This program's name has changed effective Fall 2021. The previous name was Elementary Education (Bilingual Education and English as a Second Language).**

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest area and play me3@ASU |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Humanities, Arts and Design (HU) ( RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills |

| | | |
|---|---|---|
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C |
| MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching | 3 | C |
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 208 recommended) | 4 | C |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | • GCU 113 is a recommended elective for teachers, since it meets the US and AZ constitution requirement.<br>• Must complete a minimum of 60 credits, including foundational coursework, to progress into upper division.<br>• Develop your professional online presence |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Global Awareness (G) | 3 | | |
| Historical Awareness (H) ( GCU 113 recommended) | 3 | | |
| Elective | 3 | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BLE 396: Clinical Experience I | 2 | C | |
| BLE 400: Principles of Language Minority Education | 3 | C | |
| BLE 408: SEI for Linguistically Diverse Learners (L) | 3 | C | |
| EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
| MTE 311: Geometry, Algebra, Statistics and Probability for K-8 Teaching | 3 | C | |
| SCN 400: Sustainability Science for Teachers | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BLE 397: Clinical Experience II | 2 | C | • Complete an in person or virtual practice interview |
| BLE 322: Reading Methods in BLE/ESL Settings | 3 | C | |
| BLE 411: Science Curriculum, Instruction and Assessment in BLE/ESL Settings | 3 | C | |
| BLE 412: Mathematics Curriculum, Instruction and Assessment in BLE/ESL Settings | 3 | C | |
| BLE 481: Reading Practicum | 3 | C | |
| SPE 416: Quality Practices in the Collaborative Classroom | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

| | |
|---|---|
| Term hours subtotal: | 17 |

| Term 7 94 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BLE 478: Student Teaching: BLE/ESL Elementary Schools 1-8 | 5 | C | |
| BLE 324: Social Studies for Diverse Language Classrooms | 3 | C | |
| BLE 413: Language Arts in BLE/ESL Settings | 3 | C | |
| SPE 323: Behavioral Strategies for All Students | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ BLE 478: Student Teaching: BLE/ESL Elementary Schools 1-8 | 6 | C | |
| BLE 335: Language Diversity in Classrooms (SB) | 3 | C | |
| MCE 447: Diversity in Families and Communities in Multicultural Settings | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Elementary Education (Science, Technology, Engineering and Mathematics), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus
TEESTEMBAE

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) OR MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest area and play me3@ASU |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Humanities, Arts and Design (HU) ( RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Join a student club or professional organization |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching | 3 | C | |

| | | |
|---|---|---|
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 301 recommended) | 4 | C |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • GCU 113 is a recommended elective for teachers, since it meets the US and AZ constitution requirement.<br>• Must complete at least 60 credits, including foundational coursework, to progress into upper division.<br>• Develop your skills |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Global Awareness (G) | 3 | | |
| Historical Awareness (H) ( GCU 113 recommended) | 3 | | |
| Elective | 3 | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EED 396: Clinical Experience I | 2 | C | • Clinical Experience placement will be in a math or science classroom.<br>• Develop your professional online presence |
| BLE 408: SEI for Linguistically Diverse Learners (L) OR SPE 317: Special Education for Culturally and Linguistically Diverse Children and Youth | 3 | C | |
| EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
| EED 433: Language Method Management and Assessment | 3 | C | |
| MTE 311: Geometry, Algebra, Statistics and Probability for K-8 Teaching | 3 | C | |
| SCN 411: Science in Elementary Schools | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EED 397: Clinical Experience II | 2 | C | • Must pass National Evaluation Series (NES) exam for middle grade math or science. |
| MTE 412: Mathematics in Elementary Schools | 3 | C | |
| RDG 322: Language Literacy 1 in Elementary Schools | 3 | C | |
| SCN 302: Environmental Education (L & G) | 3 | C | |
| SPE 323: Behavioral Strategies for All Students | 3 | C | |
| DSC OR ERM OR HSE OR MAT OR SCN OR SOS Elective | 2 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EED 478: Student Teaching: Elementary School (Grades 1-8) | 5 | C | |

| | | |
|---|---|---|
| EED 324: Social Studies in Elementary Schools | 3 | C |
| RDG 413: Language Literacy 2 in Elementary Schools | 3 | C |
| SCN 309: Environmental Education Project | 1 | |
| SPE 416: Quality Practices in the Collaborative Classroom | 3 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

| **Term 8 108 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ EED 478: Student Teaching: Elementary School (Grades 1-8) | 12 | C | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Secondary Education, BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus, ASU@Northeastern Arizona, ASU@The Gila Valley, ASU@Yuma, ASU@Yavapai
TESEDBAE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 142: College Mathematics (MA) | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Track Course | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Apply for an**Identity Verified Print** (IVP) DPSfingerprint clearance card.<br>• Your IVP fingerprint card will be needed for professional classroom experiences.<br>• Courses selected for the Track Area must be from the same track. Students should not mix/match track areas.<br>• Network in your career interest area |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills<br>• Your IVP fingerprint card will be needed for professional classroom experiences in TEL 270. |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | | |

| | | |
|---|---|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 208 recommended) | 4 | C |
| Track Course | 3 | C |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Historical Awareness (H) ( GCU 113 recommended) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Track Course | 3 | C | |
| Milestone: Complete online Intent to Progress form for Professional Pathways Program (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 396: Clinical Experience I | 1 | C | • Students may take courses in a different sequence, depending on campus location.<br>• Concurrent degree students should meet with their Teachers College advisor early in Term 5 to provide copy of their IVP fingerprint card and submit paperwork needed to start the professional pathways program.<br>• Education program requires students to participate in clinical experience internships (one day a week) and a student teaching residency (full-time commitment in your last semester) in 6-12th grade classrooms. Reliable transportation is important.<br>• Attendance is required at an orientation prior to enrollment in education course work.<br>• Develop your professional online presence |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| *Complete 2 courses:* Track Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 397: Clinical Experience II | 1 | C | • Use Handshake to research employment opportunities |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Upper Division Methods Course | 3 | C | |
| Upper Division Track Course | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 496: Clinical Experience III | 1 | C | • Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately. |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| Upper Division Methods Course | 3 | C | |
| Track Course | 3 | C | |
| Upper Division Track Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) OR Upper Division Non-Teacher Certification Track | 12 | C | • Students at EAC and AWC must take SED 478 to meet program requirements and qualify for teacher certification.<br>• Students pursuing this program as a concurrent degree, who choose not to participate in student teaching, must select 12 hours from the non-certification track group. Without student teaching, you will not qualify for a Secondary Education Certification credential, but you will still earn a degree in Secondary Education. You may be eligible for an Arizona Subject Matter Expert credential. Please consult with your academic advisor and the Arizona Department of Education for clarification. We highly recommend all students complete student teaching. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- Courses selected for Track Area must be from same track. Students should not mix/match track areas.

Hide Course List(s)/Track Group(s)

| Biology Track Courses | Business Track Courses | Chemistry Track Courses |
|---|---|---|
| BIO 181: General Biology I (SQ) | ACC 231: Uses of Accounting Information I | CHM 113: General Chemistry I (SQ) |
| BIO 182: General Biology II (SG) | ACC 241: Uses of Accounting Information II | CHM 116: General Chemistry II (SQ) |
| BIO 320: Fundamentals of Ecology | ECN 211: Macroeconomic Principles (SB) | CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I |
| BIO 340: General Genetics | ECN 212: Microeconomic Principles (SB) | |
| BIO 345: Evolution | MGT 300: Organization and Management Leadership | CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II |
| BIO OR MIC OR SCN OR ABS Elective | MKT 300: Marketing and Business Performance | CHM OR BCH Elective |
| | SCM 300: Global Supply Operations | |
| | MGT OR MKT OR SCM OR FIN Elective | |
| Earth and Space Track Courses | Economics Track Courses | English Track Courses |

AST 111: Introduction to Solar Systems Astronomy (SQ)

GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ)

SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)

SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory

SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab

GLG OR AST OR GPH Elective

ECN 211: Macroeconomic Principles (SB)

ECN 212: Microeconomic Principles (SB)

ECN 221: Business Statistics (CS)

ECN 312: Intermediate Microeconomic Theory (SB)

ECN 313: Intermediate Macroeconomic Theory (SB)

ECN Elective

ENG 200: Critical Reading and Writing About Literature (L or HU)

ENG 221: Survey of English Literature (HU)

ENG 222: Survey of English Literature (HU & H)

ENG 241: Literatures of the United States to 1860 ((L or HU) & C)

ENG 242: Literatures of the United States, 1860 to Present (HU)

ENG 471: Literature for Young Adults (HU)

ENG Elective

**General Science Track Courses**

AST 111: Introduction to Solar Systems Astronomy (SQ)

BIO 181: General Biology I (SQ)

BIO 182: General Biology II (SG)

CHM 113: General Chemistry I (SQ)

CHM 116: General Chemistry II (SQ)

GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ)

GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG)

PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)

PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)

SCN 300: Foundations of Environmental Education

**Geography Track Courses**

GCU 102: Introduction to Human Geography (SB & G)

GCU 121: World Geography (SB & G)

GCU 241: The Global Economy in Transition (SB & G)

GIS 205: Geographic Information Science I (CS)

GPH 111: Introduction to Physical Geography (SQ)

GPH 112: Introduction to Physical Geography Lab (SQ)

GCU 113: United States and Arizona Social Studies (SB & H)

GCU 114: World Social Studies (SB & G & H)

GCU OR GPH OR GIS Elective

**History Track Courses**

HST 100: Global History to 1500 (HU & H & G)

HST 101: Global History Since 1500 (HU & H & G)

HST 109: United States to 1865 ((HU or SB) & H)

HST 110: United States Since 1865 (SB & H)

HST Elective

**Mathematics Track Courses**

MAT 270: Calculus with Analytic Geometry I (MA)

MAT 271: Calculus with Analytic Geometry II (MA)

MAT 272: Calculus with Analytic Geometry III (MA)

MAT 300: Mathematical Structures (L)

MAT 310: Introduction to Geometry

MAT OR MTE OR STP Elective

**Physics Track Courses**

PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)

PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)

PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)

PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)

**Political Science Track Courses**

POS 110: American Government and Politics (SB) or POS 310: American National Government (SB)

POS 150: Comparative Government (SB & G)

POS 160: Global Politics (SB & G)

POS 210: Political Ideologies (SB)

POS 301: Empirical Political Inquiry (SB)

POS Elective

PHY 252: Physics III (SQ)

PHY Elective

| Chinese Track Courses |
| --- |
| CHI 201: Second-Year Chinese I (G) |
| CHI 202: Second-Year Chinese II (G) |
| CHI 301: Third-Year Chinese I (G) |
| CHI 302: Third-Year Chinese II (G) |
| CHI Elective |

| French Track Courses |
| --- |
| FRE 201: Intermediate French I (G) |
| FRE 202: Intermediate French II (G) |
| FRE 305: Readings in French Literature (G) |
| FRE 311: Oral and Written Expression I (G) |
| FRE 312: Oral and Written Expression II (G) |
| FRE Elective |

| German Track Courses |
| --- |
| GER 201: Intermediate German I (G) |
| GER 202: Intermediate German II (G) |
| GER 310: Advanced German Grammar and Composition I (G) |
| GER 311: German Conversation (G) |
| GER 312: Readings in German Culture (G) |
| GER 313: Advanced German Grammar and Composition II (G) |
| GER Elective |

| Japanese Track Courses |
| --- |
| JPN 201: Second-Year Japanese I (G) |
| JPN 202: Second-Year Japanese II (G) |
| JPN 301: Third-Year Japanese I (G) |
| JPN 302: Third-Year Japanese II (G) |
| JPN Elective |

| Spanish Track Courses |
| --- |
| SPA 201: Intermediate Spanish (G) |
| SPA 202: Intermediate Spanish (G) |
| SPA 313: Spanish Conversation and Composition (G) |
| SPA 314: Spanish Conversation and Composition (G) |
| SPA 315: Advanced Spanish I for Bilinguals (C) |
| SPA 316: Advanced Spanish II for Bilinguals (L & C) |
| SPA 412: Advanced Conversation and Composition (G) |
| SPA 413: Spanish Grammar in Context (G) |
| SPA Elective |

| Methods Course |
| --- |
| BIO 480: Methods of Teaching Biology |
| CHM 480: Methods of Teaching Chemistry |
| ENG 480: Methods of Teaching English: Composition (L) |
| ENG 482: Methods of Teaching English: Language (L) |
| HST 480: Methods of Teaching History: Classroom Resources |
| MTE 482: Methods of Teaching Mathematics in Secondary School |
| MTE 494: Advanced Methods of Tchng Mthmtics in Scndry Schls |
| PHY 480: Methods of Teaching Physics |
| SED 403: Secondary Principles, Curriculum and Methods |
| SED 480: Special Methods of Teaching Social Studies |
| SED 482: Science Teaching Methods for Secondary Schools |
| SES 480: Teaching Earth and Space Sciences |

| Non-Teacher Certification Track |
| --- |
| ECS Upper Division Elective |
| EDP Upper Division Elective |
| EDT Upper Division Elective |
| SCN Upper Division Elective |
| SED Upper Division Elective |

SPE Upper Division Elective

SPF Upper Division Elective

TEL Upper Division Elective

USL Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

2021 - 2022 Major Map

# Chemistry, BA

School/College: The College of Liberal Arts and Sciences
Location:
LACHMBA

and

# Secondary Education, BAE

Mary Lou Fulton Teachers College
TESEDBAE

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.<br>• Select your Career Interest Communities and play me3@ASU. |
| MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences OR TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.<br>• Connect with a Career Advisor by registering for a Handshake account. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

Term hours subtotal: 17-18

| Term 3 31 - 49 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 233: General Organic Chemistry I | 3 | C | • Discuss study abroad opportunities with a School of Molecular Sciences advisor or an International Coordinator. |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 18 | | |

| Term 4 49 - 64 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 112: General Physics (SQ) | 3 | C | • Teachers College Requirement: Apply for an **Identity Verified Print** (IVP) DPS fingerprint clearance card.<br>• Build your professional connections -- join the ASU Mentor Network. |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 15 | | |

| Term 5 64 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 325: Analytical Chemistry | 3 | C | • Meet with Teachers College advisor to complete paperwork needed to start education program. Call 480.965.5555 to schedule appointment by recommended deadline of September 15.<br>• CHM 325 and CHM 326 are only offered in the Fall semester.<br>• Create a first draft resume. |
| CHM 326: Advanced Analytical Chemistry Laboratory | 1 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| Second Language: Requirement satisfied through the following:<br>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 6 78 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 341: Elementary Physical Chemistry | 3 | C | |

| | | |
|---|---|---|
| ★ CHM 480: Methods of Teaching Chemistry | 3 | C |
| ★ SED 397: Clinical Experience II | 1 | C |
| BLE 407: SEI for Secondary Students (L) | 3 | C |
| CHM 343: Elementary Physical Chemistry Laboratory | 1 | C |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 14 | |

- During your clinical experience internship, you will work alongside an intern mentor teacher in a 6-12th grade classroom. You will be required to complete 75 hours over 12 weeks. Reliable transportation is important.
- Use Handshake to research employment opportunities.

| **Term 7 92 - 108 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** |
|---|---|---|
| ★ CHM 453: Inorganic Chemistry | 3 | C |
| ★ SED 482: Science Teaching Methods for Secondary Schools | 3 | C |
| ★ SED 496: Clinical Experience III | 1 | C |
| RDG 323: Literacy Processes in Content Areas | 3 | C |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C |
| Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) AND Historical Awareness (H) | 3 | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- During your clinical experience internship, you will work alongside an intern mentor teacher in a 6-12th grade classroom. You will be required to complete 75 hours over 12 weeks. Reliable transportation is important.
- Apply for full-time career opportunities.
- Students seeking teacher certification must pass state educator exams. Please speak with your education advisor to plan appropriately.
- CHM 453 is only offered in the Fall semester.

| **Term 8 108 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** |
|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) OR Upper Division Non-Teacher Certification Track | 12 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 12 | |

- If you choose not to participate in student teaching, select 12 hours from the non-certification track group below. Without student teaching, you will not be qualified for Arizona Department of Education Secondary Education Certification, but you will still earn a degree in Secondary Education. You may be eligible for an Arizona Subject Matter Expert credential. Please consult with your education advisor and the Arizona Department of Education for clarification. We highly encourage all students to complete student teaching.

Hide Course List(s)/Track Group(s)

Non-Teacher Certification Track

ECS Upper Division Elective

EDP Upper Division Elective

EDT Upper Division Elective

SCN Upper Division Elective

SED Upper Division Elective

SPE Upper Division Elective

SPF Upper Division Elective

TEL Upper Division Elective

USL Upper Division Elective

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Secondary Education (Biological Sciences), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TEBIOBAE

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 181: General Biology I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program.<br>• Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| BIO 182: General Biology II (SG) | 4 | C | • Apply for an identify verified print (IVP) fingerprint clearance card online.<br>• Your IVP fingerprint card will be needed for professional classroom experiences.<br>• Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |

| | | |
|---|---|---|
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 45 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • GCU 113 is a recommended elective for teachers, since it meets the US and AZ constitution requirement.<br>• Must complete at least 60 credits, including prerequisite courses, to progress into the professional pathways program.<br>• Meet with your advisor to submit intent to progress early in Term 4.<br>• Attendance is required at an orientation prior to registration for Term 5.<br>• Develop your professional online presence |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Elective ( GCU 113 recommended) | 3 | | |
| Elective | 2 | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 396: Clinical Experience I | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Reliable transportation is required to get to school sites in terms 5-8. |
| BIO 201: Human Anatomy and Physiology I (SG) OR BIO 360: Animal Physiology OR PLB 308: Plant Physiology | 4-3 | C | |
| BIO 340: General Genetics OR LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15-14 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 397: Clinical Experience II | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Complete an in person or virtual practice interview |
| BIO 320: Fundamentals of Ecology OR BIO 345: Evolution | 3 | C | |
| BIO 480: Methods of Teaching Biology OR SCN 494: Biology for Teachers OR SES 480: Teaching Earth and Space Sciences | 3 | C | |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 496: Clinical Experience III | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately. |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| SED 482: Science Teaching Methods for Secondary Schools | 3 | C | |

| | | |
|---|---|---|
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | • Use Handshake to research employment opportunities. |
| Elective | 3 | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Secondary Education (Chemistry), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TECHMBAE

| Term 1 0 - 18 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program.<br>• Select your career interest communities and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 18 | | |

| Term 2 18 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | • Apply for identity verified print (IVP) fingerprint clearance card online.<br>• Your IVP fingerprint card will be needed for professional classroom experiences.<br>• Join a student club or professional organization |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • GCU 113 meets the US and AZ constitution requirement for teacher certification.<br>• Develop your skills. |
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |

| | | |
|---|---|---|
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Elective ( GCU 113 recommended) | 3 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 46 - 61 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.<br>• Meet with your advisor to submit intent to progress early in Term 4.<br>• Attendance is required at an orientation prior to registration for Term 5.<br>• Develop your professional online presence. |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 396: Clinical Experience I | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Reliable transportation is required to get to school sites in terms 5-8. |
| CHM 341: Elementary Physical Chemistry | 3 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 397: Clinical Experience II | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• CHM 480 is only available in the summer or every other fall semester. PHY 480 is available in the spring terms. Work with your advisor to select appropriate methods course.<br>• Complete an in person or virtual practice interview |
| BCH 361: Advanced Principles of Biochemistry OR CHM 302: Environmental Chemistry OR CHM 453: Inorganic Chemistry | 3 | C | |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| CHM 480: Methods of Teaching Chemistry OR PHY 480: Methods of Teaching Physics OR PHY 494: Teaching Physical Science OR SES 480: Teaching Earth and Space Sciences | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 496: Clinical Experience III | 1 | C | |

| | | | |
|---|---|---|---|
| RDG 323: Literacy Processes in Content Areas | 3 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Students seeking teacher certification must pass required educator exams.<br>• Use Handshake to research employment opportunities. |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| SED 482: Science Teaching Methods for Secondary Schools | 3 | C | |
| Elective | 5 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| **Term 8 108 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Secondary Education (Earth and Space Sciences), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
EDESSBAE

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | 4 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program.<br>• Select your career interest communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 17-18 | | |

| Term 2 17 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | • Apply for identity verified print (IVP) fingerprint clearance card online.<br>• Your IVP fingerprint card will be needed for professional classroom experiences.<br>• Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • GCU 113 meets the US and AZ constitution requirement for teacher certification.<br>• Develop your skills. |
| AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) AND AST 114: Astronomy Laboratory II (SQ) OR GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to | 4 | C | |

| | | |
|---|---|---|
| Geology II-Laboratory (SG) OR GLG 108: Water Planet (SQ) OR GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) OR SES 106: Habitable Worlds (SQ) | | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C |
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Elective ( GCU 113 recommended) | 3 | |
| ★ Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 45 - 61 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ❗ SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • Must complete at least 60 credits, including all foundational coursework, prior to progressing into the professional pathways program.<br>• Meet with your advisor to submit intent to progress early in Term 4.<br>• Attendance is required at an orientation prior to registration for Term 5.<br>• Develop your professional online presence . |
| BLE 220: Foundations of Structured English Immersion | 3 | C | |
| GLG 325: Oceanography OR GLG 327: Earth's Critical Zone OR GPH 212: Introduction to Meteorology (SQ) OR GPH 213: Climate and Weather (SG) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| ❗ Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| ❗ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 396: Clinical Experience I | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Reliable transportation is required to get to school sites in terms 5-8. |
| GLG 310: Structural Geology | 3 | C | |
| GLG 325: Oceanography OR GLG 327: Earth's Critical Zone OR GPH 212: Introduction to Meteorology (SQ) OR GPH 213: Climate and Weather (SG) | 3 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 397: Clinical Experience II | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Complete an in person or virtual practice interview. |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| GLG 321: Mineralogy OR GLG 451: Field Geology I (L) | 3 | C | |
| SES 480: Teaching Earth and Space Sciences OR PHY 480: Methods of Teaching Physics OR PHY 494: Teaching Physical Science | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| | | |
|---|---|---|
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 496: Clinical Experience III | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Students seeking teacher certification must pass required educator exams.<br>• Use Handshake to research employment opportunities. |
| GLG 301: Earth Science in Arizona and the Southwest | 3 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| SED 482: Science Teaching Methods for Secondary Schools | 3 | C | |
| Elective | 2 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Secondary Education (English), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TEENGBAE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program.<br>• Select your career interest communities and play me3@ASU. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Historical Awareness (H) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization<br>• Apply for identify verified print (IVP) fingerprint clearance cardonline.<br>• Your IVP fingerprint card will be needed for professional classroom experiences. |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 3 | C | • Develop your skills. |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |

| | | |
|---|---|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C |
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 208 recommended) | 4 | C |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 17 | |

| Term 4 47 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| *Complete 2 courses:* ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 6 | C | • Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.<br>• Meet with your advisor to submit intent to progress early in Term 4.<br>• Attendance is required at an orientation prior to registration for Term 5.<br>• Develop your professional online presence |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 396: Clinical Experience I | 1 | C | • GCU 113 is a recommended elective for teachers, since it meets the US and AZ constitution requirement.<br>• During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Reliable transportation is required to get to school sites in terms 5-8.<br>• ENG 486 is typically offered every other year in the fall term. It is a recommended ENG elective for teachers. |
| ENG 312: English in its Social Setting (L or HU or SB) OR ENG 314: Modern Grammar OR ENG 323: Rhetoric and Grammar (L) | 3 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| ENG Upper Division Elective | 3 | C | |
| Elective ( GCU 113 recommended) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 397: Clinical Experience II | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Complete an in person or virtual practice interview |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| ENG 321: Shakespeare (L or HU) OR ENG 421: Studies in Shakespeare (L or HU) OR ENG 422: Special Topics in Shakespeare | 3 | C | |
| ENG 471: Literature for Young Adults (HU) | 3 | C | |
| ENG 480: Methods of Teaching English: Composition (L) OR SED 481: English Teaching Methods for Secondary Schools | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ SED 496: Clinical Experience III | 1 | C | |
| ENG 482: Methods of Teaching English: Language (L) | 3 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| Elective | 6 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately.
- Use Handshake to research employment opportunities.

| **Term 8 108 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Secondary Education (History), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TEHISBAE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program.<br>• Select your career interest area and play me3@ASU. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| HST 130: The Historian's Craft | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization<br>• Apply for an identify verified print (IVP) fingerprint clearance card.<br>• Your IVP fingerprint card will be needed for professional classroom experiences. |
| HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) | 3 | C | |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 33 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills. |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) | 3 | C | |

| | | |
|---|---|---|
| HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C |
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 13 | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.<br>• Meet with your advisor to submit intent to progress early in Term 4.<br>• Attendance is required at an orientation prior to registration for Term 5.<br>• Develop your professional online presence. |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 208 recommended) | 4 | C | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 396: Clinical Experience I | 1 | C | • GCU 113 meets the US and AZ constitution requirement for teacher certification.<br>• During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Reliable transportation is required to get to school sites in terms 5-8. |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Upper Division Non-U.S. History | 3 | C | |
| Elective ( GCU 113 OR GCU 114 recommended) | 3 | | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 397: Clinical Experience II | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Complete an in person or virtual practice interview. |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| HST 480: Methods of Teaching History: Classroom Resources OR SED 480: Special Methods of Teaching Social Studies | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Upper Division U.S. History | 3 | C | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 496: Clinical Experience III | 1 | C | |
| HST 481: Methods of Teaching History: Community Resources | 3 | C | |

| | | |
|---|---|---|
| HST 495: Methods of Historical Inquiry (L) | 3 | C |
| RDG 323: Literacy Processes in Content Areas | 3 | C |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C |
| Upper Division U.S. History or Non-U.S. History AND Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- Students seeking teacher certification must pass required educator exams.
- Use Handshake to research employment opportunities.

| **Term 8 108 - 120 Credit Hours Necessary course signified by** ★ | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| U.S. History |
|---|
| AMS 412: The Bill of Rights and the US Supreme Court (H) |
| HST 306: Studies in United States History |
| HST 314: American Cultural History Since 1865 ((HU or SB) & H) |
| HST 315: Political History of the U. S. (SB & H) |
| HST 316: 20th-Century U.S. Foreign Relations (SB & H) |
| HST 317: History of Postwar U.S. Conservatism |
| HST 318: History of Engineering ((L or SB) & G) |
| HST 320: U.S. Urban History since 1850 (SB & H) |
| HST 321: Constitutional History/US to 1865 (SB & H) |
| HST 322: Constitutional History of the United States Since 1865 (H) |
| HST 323: Historical Studies in Race, Crime, and the Law |
| HST 325: Immigration and Ethnicity in the United States (SB & H & C) |
| HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H) |
| HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) |

| Non-U.S. History |
|---|
| HST 302: Studies in History , Envisioning Peace , Gender and Sexuality in Islam , History of the Olympic Movement , Jews, Christians & Muslims in Early Modern World , Jews, Christians & Muslims in the Medieval World , Slavery Systems in Africa , The Mexico City 1968 Olympics in Global Context |
| HST 303: Studies in Asian History |
| HST 304: Studies in European History |
| HST 305: Studies in Latin American History |
| HST 309: Exploration and Empire ((L or HU) & H) |
| HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H) |
| HST 336: Islamic Civilization (HU & H) |
| HST 339: Islam in the Modern World (HU & G) |
| HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) |
| HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) |
| HST 348: Rome (SB & H) |
| HST 349: Early Middle Ages ((HU or SB) & H) |
| HST 350: Later Middle Ages ((HU or SB) & H) |

HST 329: Women in 20th-Century U.S. West (H & C)

HST 331: Mexican American History to 1900 (SB & H & C)

HST 332: Mexican American History Since 1900 (SB & H & C)

HST 333: African American History to 1865 (SB & H & C)

HST 334: African American History Since 1865 ((HU or SB) & C & H)

HST 335: History of Black Women in America (SB & H)

HST 337: American Indian History to 1900 ((HU or SB) & C & H)

HST 338: American Indian History since 1900 ((HU or SB) & C & H)

HST 340: American Military History (SB & H)

HST 341: U.S. West 19th Century (SB & H)

HST 342: U.S. West 20th Century (SB & H)

HST 343: American Southwest ((L or SB) & H)

HST 344: Arizona (SB & H)

HST 345: Environmental History (L)

HST 405: Colonial American History to 1763 (SB & H)

HST 406: American Revolution/1763-1789 (SB & H)

HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H)

HST 408: Civil War and Reconstruction ((L or SB) & H)

HST 409: Emergence Modern U.S. 1877-1918 (SB & H)

HST 412: Contemporary U.S., 1973- Present (SB & H)

HST 413: Contemporary America ((L or SB) & H)

HST 414: Political History and Leadership

HST 419: 20th Century Chicano/a History (C)

HST 443: The United States and Latin America (SB & G & H)

HST 448: Mexican/U.S. Border

HST 351: Renaissance Europe ((L or HU or SB) & H)

HST 352: Europe's Reformations ((L or HU or SB) & H)

HST 353: Old Regime in Europe (SB & H)

HST 354: Revolutionary Europe (SB & H)

HST 355: Total War and the Crisis of Modernity (SB & G & H)

HST 356: Europe since 1945 (SB & G & H)

HST 358: Jewish History from Antiquity to 1492 (SB & H)

HST 359: Jewish History from 1492 to 1948 (SB & G & H)

HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)

HST 361: Witchcraft and Heresy in Europe ((L or HU) & H)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H)

HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H)

HST 364: Sex and Society in Modern Europe ((L or SB) & H)

HST 365: World Wars I and II: Europe's Eastern Front

HST 366: England to 1689 (SB & H)

HST 367: Modern Britain (SB & H)

HST 368: Culture and Imagination in European History (HU & H)

HST 369: History and Memory of the Holocaust

HST 370: Eastern Europe in Transition (SB & G & H)

HST 372: Modern Middle East (SB & G & H)

HST 373: Roman History I: Foundations and Republic

HST 374: Roman History II: The Roman Empire

HST 375: Colonial Latin America (SB & H)

HST 376: Modern Latin America (SB & G & H)

HST 383: China (SB & H)

HST 449: Mexican Immigration to the U.S. ((L or SB) & H & C)

HST 456: The Vietnam War (SB & G & H)

HST 384: Modern China: 1700 to the Present (SB & G & H)

HST 385: History of Chinese Medicine (HU & H & G)

HST 386: Interpreting China's Classics ((L or HU) & H)

HST 387: Japan ((L or SB) & H)

HST 388: Japan (SB & G & H)

HST 389: Japan Society and Values/Premod

HST 391: Modern Southeast Asia (SB & G & H)

HST 392: Modern India

HST 397: Greece and Rome at War

HST 404: Conquest and Encounters in Colonial Latin America (L & G)

HST 419: 20th Century Chicano/a History (C)

HST 423: The Tudor Monarchy (SB & H)

HST 424: The Stuart Monarchy (SB & H)

HST 426: The British Empire (H)

HST 427: French Revolution/Napoleonic Era (SB & H)

HST 429: Modern Germany (SB & G & H)

HST 430: The Ottoman Empire in the Classical Period

HST 432: Eastern Europe the Balkans, 20th Century (G & H)

HST 435: The Russian Empire (SB & H)

HST 436: Rise & Fall of Soviet Communism (SB & G & H)

HST 438: Modern Spain ((HU or SB) & G & H)

HST 439: Athenian Democracy (H)

HST 441: Latin America and the World Economy (L & G & H)

HST 443: The United States and Latin America (SB & G & H)

HST 444: Latin American Independence ((L or HU) & G)

HST 445: 20th-Century Cuba (SB & G & H)

HST 447: Modern Mexico (SB & H)

HST 448: Mexican/U.S. Border

HST 451: Chinese Cultural History I ((HU or SB) & H)

HST 452: Chinese Cultural History II (SB & G & H)

HST 454: History of Genocide (G & H)

HST 459: Gandhi and the Politics of Nonviolence

HST 465: Women in Europe, 1750 to Present ((HU or SB) & H)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Secondary Education (Mathematics), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TEMATBAE

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program.<br>• Select your career interest communities and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Apply for an identify verified print (IVP) fingerprint clearance cardonline.<br>• Your IVP fingerprint card will be needed for professional classroom experiences.<br>• Join a student club or professional organization |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 18 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | • Develop your skills. |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| MAT 207: Algebra and Geometry in the High School AND MTE 210: Mentored Tutoring Internship OR MAT 208: Discrete Mathematics for Secondary Teachers OR MAT 243: Discrete Mathematical Structures | 3-4 | C | |

| | | |
|---|---|---|
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14-15 | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.<br>• Meet with your advisor to submit intent to progress early in Term 4.<br>• Attendance is required at an orientation prior to registration for Term 5.<br>• Develop your professional online presence. |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| MAT 300: Mathematical Structures (L) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 208 recommended) | 4 | C | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 396: Clinical Experience I | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Reliable transportation is required to get to school sites in terms 5-8. |
| MAT 310: Introduction to Geometry | 3 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 397: Clinical Experience II | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Two methods courses are required for graduation - see advisor for other possible course options.<br>• MTE 494 is typically offered in Tempe in the spring term.<br>• MTE 482 is typically offered at West campus in the spring term.<br>• Complete an in person or virtual practice interview. |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra OR MAT 275: Modern Differential Equations (MA) OR MAT 371: Advanced Calculus I | 3 | C | |
| MTE 482: Methods of Teaching Mathematics in Secondary School OR MTE 494: Advanced Methods of Tchng Mthmtics in Scndry Schls | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 496: Clinical Experience III | 1 | C | |

| | | |
|---|---|---|
| MTE 482: Methods of Teaching Mathematics in Secondary School OR MTE 494: Advanced Methods of Tchng Mthmtics in Scndry Schls | 3 | C |
| RDG 323: Literacy Processes in Content Areas | 3 | C |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C |
| Elective ( GCU 113 recommended) | 3 | |
| Elective ( MAT 443 OR MAT 445 OR MAT 451 OR MAT 485 recommended) | 3 | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- GCU 113 meets the US and AZ constitution requirement for teacher certification.
- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- MTE 482 is typically taught in Tempe in the fall term.
- MTE 494 is typically taught at West campus in the fall term.
- Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately.
- Use Handshake to research employment opportunities.

| **Term 8 108 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Secondary Education (Physical Education), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus
ECPPEBAE

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU |
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 33 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health | 2 | | |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 33 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills |
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |

| | | |
|---|---|---|
| *Complete 2 courses:*<br>PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health | 4 | |
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 48 - 63 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • GCU 113 meets the US and AZ constitution requirement for teacher certification.<br>• Must complete at least 60 credits, including foundational coursework, to progress into upper-division.<br>• Develop your professional online presence |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health | 2 | | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Historical Awareness (H) ( GCU 113 recommended) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 80 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PPE 396: Clinical Experience in Physical Education: Elementary | 2 | C | • Become a member of the Arizona Health & Physical Education State Association |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
| PPE 300: Introduction to Physical Education, Fitness and Sport | 3 | C | |
| PPE 315: Pediatric Movement Sciences for Physical Educators | 3 | C | |
| PPE 450: Physical Education for the Elementary School | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 80 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PPE 397: Clinical Experience: Physical Education Secondary (Grades 6-12) | 2 | C | • Complete an in person or virtual practice interview |
| PPE 320: Exercise Physiology Concepts for Physical Educators | 3 | C | |
| PPE 455: Physical Education in the Secondary School | 3 | C | |
| PPE 460: Adapted and Inclusive Physical Education | 3 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 7 94 - 106 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ PPE 477: Student Teaching: Physical Education Elementary (Grades 1-8) | 6 | C | |
| PPE 480: Professional Seminar for Physical Education | 3 | C | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

| **Term 8 106 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ PPE 478: Student Teaching: Physical Education Secondary (Grades 6-12) | 5 | C | |
| PPE 465: Teaching Physical Activity Concepts (L) | 3 | C | |
| PPE 485: Physical Activity Leadership in Schools | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Secondary Education (Physics), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
EDPHYBAE

| Term 1 0 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program.<br>• Select your career interest communities and play me3@ASU. |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Apply for your identity verified print (IVP)fingerprint clearance cardonline.<br>• Your IVP fingerprint card will be needed for professional classroom experiences.<br>• Join a student club or professional organization |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) OR PHY 150: Physics I (SQ) | 4 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 18 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) OR PHY 151: Physics II (SQ) | 4 | C | • Develop your skills. |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |

| | | |
|---|---|---|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C |
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| **Term 4** 47 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | • Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.<br>• Meet with your advisor to submit intent to progress early in Term 4.<br>• Attendance is required at an orientation prior to registration for Term 5.<br>• Develop your professional online presence. |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| **Term 5** 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 396: Clinical Experience I | 1 | C | • GCU 113 meets the US and AZ constitution requirement for teacher certification.<br>• During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Reliable transportation is required to get to school sites in terms 5-8. |
| PHY 302: Mathematical Methods in Physics II | 3 | C | |
| PHY 361: Introductory Modern Physics | 3 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Elective ( GCU 113 recommended) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 6** 76 - 92 Credit Hours Critical course signified by Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 397: Clinical Experience II | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Complete an in person or virtual practice interview. |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| PHY 333: Electronic Circuits and Measurements | 3 | C | |
| SES 480: Teaching Earth and Space Sciences OR PHY 480: Methods of Teaching Physics OR PHY 494: Teaching Physical Science | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| **Term 7** 92 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 496: Clinical Experience III | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |

| | | | |
|---|---|---|---|
| SED 482: Science Teaching Methods for Secondary Schools | 3 | C | |
| PHY Upper Division Elective | 6 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately.
- Use Handshake to research employment opportunities.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
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**Cumulative GPA:** 2.00 minimum
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**General University Requirements Legend**

General Studies Core Requirements:

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- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Secondary Education (Political Science), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TEPOLBAE

| Term 1 0 - 16 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program.<br>• Select your career interest communities and play me3@ASU. |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Apply for an identity verified print (IVP)fingerprint clearance cardonline.<br>• Your IVP fingerprint card will be needed for professional classroom experiences.<br>• Join a student club or professional organization |
| POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) | 3 | C | |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills. |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |

| | | |
|---|---|---|
| POS 210: Political Ideologies (SB) | 3 | C |
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 208 recommended) | 4 | C |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 46 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.<br>• Meet with your advisor to submit intent to progress early in Term 4.<br>• Attendance is required at an orientation prior to registration for Term 5.<br>• Develop your professional online presence. |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| POS Elective | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 396: Clinical Experience I | 1 | C | • GCU 113 meets the US and AZ constitution requirement for teacher certification.<br>• During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Reliable transportation is required to get to school sites in terms 5-8. |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| POS Upper Division Elective | 6 | C | |
| Elective ( GCU 113 OR GCU 114 recommended) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 397: Clinical Experience II | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• POS 417 is recommended as an upper division POS elective since it meets the Arizona constitution requirement for teacher certification.<br>• Complete an in person or virtual practice interview. |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| POS 301: Empirical Political Inquiry (SB) | 3 | C | |
| SED 480: Special Methods of Teaching Social Studies | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 496: Clinical Experience III | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. |
| HST 481: Methods of Teaching History: Community Resources | 3 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |

| | | | |
|---|---|---|---|
| POS Upper Division Elective | 3 | C | • Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately.<br>• Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Secondary Education (Spanish), BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus
TESPABAE

| Term 1 0 - 17 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Language Placement exam required. For more information, please see ASU Language Placement Testing.<br>• Consult with advisor regarding registration in appropriate Spanish course based on test scores.<br>• Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program.<br>• Select your career interest communities and play me3@ASU. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (G) | 4 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Apply for an identity verified print (IVP) fingerprint clearance cardonline.<br>• Your IVP fingerprint card will be needed for professional classroom experiences.<br>• Join a student club or professional organization |
| SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (G) | 4 | C | |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills. |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |

| | | |
|---|---|---|
| SLC 201: Introduction to Linguistics (HU or SB) | 3 | C |
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 208 recommended) | 4 | C |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 45 - 62 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.<br>• Meet with your advisor to submit intent to progress early in Term 4.<br>• Attendance is required at an orientation prior to registration for Term 5.<br>• GCU 113 meets the US and AZ constitution requirement for teacher certification.<br>• Develop your professional online presence. |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Historical Awareness (H) ( GCU 113 recommended) | 3 | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 62 - 79 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 396: Clinical Experience I | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Reliable transportation is required to get to school sites in terms 5-8. |
| SED 464: Middle-School Curr/Org | 3 | C | |
| SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C) | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Elective ( SPA 325 recommended) | 3 | | |
| Elective | 4 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 79 - 95 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SED 397: Clinical Experience II | 1 | C | • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.<br>• Complete an in person or virtual practice interview. |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| SED 403: Secondary Principles, Curriculum and Methods | 3 | C | |
| SPA 412: Advanced Conversation and Composition (G) | 3 | C | |
| SPA 413: Spanish Grammar in Context (G) | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 95 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| ★ SED 496: Clinical Experience III | 1 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) OR SPA 472: Latin American Society: Five Case Studies (HU & H & G) OR SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) | 3 | C | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately.
- Use Handshake to research employment opportunities.

| **Term 8 108 - 120 Credit Hours Necessary course signified by ★** | **Hours** | **Minimum Grade** | **Notes** |
|---|---|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Special Education (Visual Impairment), BAE

School/College: Mary Lou Fulton Teachers College
Location: Tempe campus, West campus
TESPEVIBAE

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your Career Interest Communities and play me3@ASU. |
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Humanities, Arts and Design (HU) ( RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching | 3 | C | |

| | | |
|---|---|---|
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 208 recommended) | 4 | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • Must complete 60 credits including foundational courses to progress into upper division coursework.<br>• Develop your professional online presence |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Global Awareness (G) | 3 | | |
| Historical Awareness (H) ( GCU 113 recommended) | 3 | | |
| Elective | 3 | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EED 433: Language Method Management and Assessment | 3 | C | |
| SPE 317: Special Education for Culturally and Linguistically Diverse Children and Youth | 3 | C | |
| SPE 396: Clinical Experience I | 2 | C | |
| EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
| SPE 443: Foundations of Instruction for Students with Visual Impairments | 3 | C | |
| SPE 445: Orientation and Mobility for Teachers of the Visually Impaired | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 323: Behavioral Strategies for All Students | 3 | C | • Complete an in person or virtual practice interview |
| SPE 325: Language Literacy 1 in Elementary Schools | 3 | C | |
| SPE 397: Clinical Experience II | 2 | C | |
| SPE 410: Mathematics in Elementary Schools | 3 | C | |
| SPE 441: Reading and Writing Braille | 3 | C | |
| SPE 442: Teaching Methodologies for Students with Visual Impairments | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| | | Minimum | |
|---|---|---|---|

| Term 7 94 - 111 Credit Hours Necessary course signified by | Hours | Grade | Notes |
|---|---|---|---|
| SPE 321: Classroom and SPE Assessment | 3 | C | |
| SPE 423: Methods of Cross-Categorical Special Education I | 3 | C | |
| SPE 424: Methods of Cross-Categorical Special Education II | 3 | C | |
| SPE 444: Diagnostic and Assessment: Procedures for the Visually Impaired | 3 | C | |
| SPE 446: Modes of Communication | 3 | C | |
| SPE 496: Clinical Experience III | 2 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 8 111 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 430: Professional Practices, Foundations, and Collaborative Teaching in Special Education (L) | 3 | C | |
| SPE 447: Student Teaching for Teachers of the Visually Impaired | 6 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Special Education and Elementary Education, BAE

School/College: Mary Lou Fulton Teachers College
Location: Polytechnic campus, Tempe campus, West campus, ASU@Northeastern Arizona, ASU@The Gila Valley, ASU@Yuma
TESPEBAE

| Term 1 0 - 13 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students<br>• Select your career interest communities and play me3@ASU. |
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| TEL 208: Literacy in a Changing World (HU) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization |
| TEL 171: Professional Educator Series: Equity in Education | 1 | | |
| TEL 212: Understanding the Culturally Diverse Learner (C) | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Humanities, Arts and Design (HU) ( RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | • Develop your skills |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching | 3 | C | |

| | | |
|---|---|---|
| TEL 270: Professional Educator Series: Connecting Research to Practice | 1 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( SCN 208 recommended) | 4 | C |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 44 - 60 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | • Must complete 60 credits, including foundational courses, to progress into upper-division education coursework.<br>• Develop your professional online presence |
| BLE 220: Foundations of Structured English Immersion (L) | 3 | C | |
| TEL 271: Professional Educator Series: Inclusivity in Practice | 1 | | |
| Global Awareness (G) | 3 | | |
| Historical Awareness (H) ( GCU 113 recommended) | 3 | | |
| Elective | 3 | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
| EED 396: Clinical Experience I OR SPE 396: Clinical Experience I | 2 | C | |
| EED 411: Science in Elementary Schools | 3 | C | |
| EED 433: Language Method Management and Assessment | 3 | C | |
| MTE 311: Geometry, Algebra, Statistics and Probability for K-8 Teaching | 3 | C | |
| SPE 317: Special Education for Culturally and Linguistically Diverse Children and Youth OR BLE 408: SEI for Linguistically Diverse Learners (L) | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| EED 324: Social Studies in Elementary Schools | 3 | C | • Complete an in-person or virtual practice interview |
| EED 397: Clinical Experience II OR SPE 397: Clinical Experience II | 2 | C | |
| SCN 400: Sustainability Science for Teachers | 3 | C | |
| SPE 323: Behavioral Strategies for All Students | 3 | C | |
| SPE 325: Language Literacy 1 in Elementary Schools OR RDG 322: Language Literacy 1 in Elementary Schools | 3 | C | |
| SPE 410: Mathematics in Elementary Schools OR EED 412: Mathematics in Elementary Schools | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 7 94 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ EED 478: Student Teaching: Elementary School (Grades 1-8) | 8 | C | |
| ★ SPE 321: Classroom and SPE Assessment | 3 | C | |
| ★ SPE 411: Family Involvement and Regulatory Issues | 3 | C | |
| ★ SPE 423: Methods of Cross-Categorical Special Education I | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 8 111 - 125 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ★ SPE 424: Methods of Cross-Categorical Special Education II | 3 | C | |
| ★ SPE 430: Professional Practices, Foundations, and Collaborative Teaching in Special Education (L) | 3 | C | |
| ★ SPE 478: Student Teaching: Special Education (Grades K-8) | 8 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 125
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Health and Life Sciences

School/College: University College
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus, ASU@Lake Havasu
UCHSCIEXPL

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - Quantitative (SQ) | 4 | C | • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| UNI 250: Choosing a Major | 1 | C | • Join a student club or professional organization. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | C | • Secure a part-time job or volunteer experience. |
| UNI 270: Career Direction for a Successful Future | 1 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 1 | | |

Complete Mathematics (MA) requirement.

Milestone: Selection of a major.

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for**
**Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Health and Life Sciences

School/College: University College
Location: Online, ASU Local@Los Angeles
UCHSCIEXPL

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| ASU 101-UC: The ASU Experience | 1 | | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| Natural Science - Quantitative (SQ) | 4 | C | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Term hours subtotal: | 8 | | |

| Term 2 - A 15 - 22 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| UNI 250: Choosing a Major | 1 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 30 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | C | • Join a student club or professional organization. |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 8 | | |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |

| | | | |
|---|---|---|---|
| UNI 270: Career Direction for a Successful Future | 1 | C | • Secure a part-time job or volunteer experience. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 37 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | C | |
| Elective | 1 | | |
| Complete Mathematics (MA) requirement. | | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 8 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Humanities, Fine Arts and Design

School/College: University College
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus, ASU@Lake Havasu
UCHUFAEXPL

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| Humanities, Arts and Design (HU) | 3 | C | |
| ASU 101-UC: The ASU Experience | 1 | | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Mathematics (MA) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| UNI 250: Choosing a Major | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) | 3 | C | • Secure a part-time job or volunteer experience. |
| UNI 270: Career Direction for a Successful Future | 1 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |

Milestone: Selection of a major.

Term hours subtotal: 17

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 48
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Humanities, Fine Arts and Design

School/College: University College
Location: Online, ASU Local@Los Angeles
UCHUFAEXPL

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college specific equivalent First Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| Humanities, Arts and Design (HU) | 3 | C | |
| ASU 101-UC: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| UNI 150: Major and Career Exploration | 1 | C | |
| Social-Behavioral Sciences (SB) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 21 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| UNI 250: Choosing a Major | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 21 - 27 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | • Join a student club or professional organization |
| Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 27 - 35 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Social-Behavioral Sciences (SB) | 3 | C | |
| UNI 270: Career Direction for a Successful Future | 1 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |

| | |
|---|---|
| Term hours subtotal: | 8 |

| Term 3 - B 35 - 42 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Secure a part-time job or volunteer experience |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 42 - 48 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- 
  - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 48
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Math, Physical Sciences, Engineering and Technology

School/College: University College
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus
UCEMTPEXPL

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or College specific equivalent First Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science. Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA) | 3-4 | C | |
| ASU 101-UC: The ASU Experience | 1 | | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science. Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA) | 3-4 | C | |
| UNI 250: Choosing a Major | 1 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14-15 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science. Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA) | 3-4 | C | • Secure a part-time job or volunteer experience. |
| UNI 270: Career Direction for a Successful Future | 1 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 16-17 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global, Historical, and Cultural Awareness requirements with their Social and Behavioral or Humanities and Fine Arts courses.

**Total Hours:** 45
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Math, Physical Sciences, Engineering and Technology

School/College: University College
Location: Online, ASU Local@Los Angeles
UCEMTPEXPL

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| ASU 101-UC: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| Natural Science - Quantitative (SQ) | 4 | | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Term hours subtotal: | 8 | | |

| Term 2 - A 15 - 22 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) | 3 | C | • Join a student club or professional organization. |
| UNI 250: Choosing a Major | 1 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 29 - 36 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|

| | | | |
|---|---|---|---|
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| UNI 270: Career Direction for a Successful Future | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 36 - 42 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Secure a part-time job or volunteer experience. |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 42 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global, Historical, and Cultural Awareness requirements with their Social and Behavioral or Humanities and Fine Arts courses.

**Total Hours:** 45
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Social and Behavioral Sciences

School/College: University College
Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus, ASU@Lake Havasu
UCSBSEXPL

| Term 1 0 - 15 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or College specific equivalent First Year Seminar required for all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| Social-Behavioral Sciences (SB) | 3 | C | |
| ASU 101-UC: The ASU Experience | 1 | | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Mathematics (MA) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • Join a student club or professional organization. |
| UNI 250: Choosing a Major | 1 | C | |
| Social-Behavioral Sciences (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 48 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Secure a part-time job or volunteer experience. |
| UNI 270: Career Direction for a Successful Future | 1 | C | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete Mathematics (MA) requirement. | | | |

Milestone: Selection of a major.

Term hours subtotal: 17

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 48
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# 2021 - 2022 Major Map

## Exploratory Social and Behavioral Sciences

School/College: University College
Location: Online, ASU Local@Los Angeles
UCSBSEXPL

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • ASU 101 or College specific equivalent First Year Seminar required of all first-year students.<br>• Select your career interest communities and play me3@ASU. |
| Social-Behavioral Sciences (SB) | 3 | C | |
| ASU 101-UC: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | • View ASU Online first-year student registration information here. |
| UNI 150: Major and Career Exploration | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 21 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| UNI 250: Choosing a Major | 1 | C | • Join a student club or professional organization. |
| Social-Behavioral Sciences (SB) | 3 | C | |
| Mathematics (MA) ( MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 21 - 27 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 27 - 35 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| UNI 270: Career Direction for a Successful Future | 1 | C | • Secure a part-time job or volunteer experience. |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |

| | |
|---|---|
| Term hours subtotal: | 8 |

| Term 3 - B 35 - 41 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 41 - 48 Credit Hours | Hours | Minimum Grade | Notes |
|---|---|---|---|
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 7 | | |

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 48
**Upper Division Hours:** 45 minimum
**Major GPA:** 2.00 minimum
**Cumulative GPA:** 2.00 minimum
**Total hrs at ASU:** 30 minimum
**Hrs Resident Credit for Academic Recognition:** 56 minimum
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2021 - 2022 academic year.

# Pathway Agreement

Print

**Maricopa Community College District**
**Accountancy, BS Pathway**
**2021-2022**

ASU Major: Accountancy, BS | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| COM 225: Public Speaking | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs |
| CIS 105: Survey of Computer Information Systems | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs |
| ECN 212: Microeconomic Principles | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all special requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | | |
|---|---|---|---|
| Historical or Global Awareness [H] or [G] | 0-3 hrs | | |
| ABUS Business Electives | | 3-6 hrs | Select two courses (6 hours) from the following: CIS 114DE, CIS 133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. Select in consultation with a Maricopa Advisor. IBS 101 or SBU 200 can be shared with Global Awareness. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | | |
| GBS 221: Business Statistics | 3 hrs | | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | | |
| PSY course | | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC course | | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | | 0-5 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete the community college associate degree requirements. |

Total Required Credits: 64

# Pathway Agreement

Print

**Maricopa Community College District**

**Aerospace Engineering (Aeronautics), BSE Pathway**

**2021-2022**

ASU Major: Aerospace Engineering (Aeronautics), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition OR<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition OR<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities, Arts, and Design, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 221: Calculus with Analytic Geometry I<br>or<br>MAT 220: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement(s). |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement(s). |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 121: University Physics I: Mechanics or<br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs | |

Subject Options

| | | |
|---|---|---|
| MAT 231: Calculus with Analytic Geometry II<br>or<br>MAT 230: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 241: Calculus with Analytic Geometry III<br>or<br>MAT 240: Calculus with Analytic Geometry III | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Engineering degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Aerospace Engineering (Aeronautics), BSE degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Aerospace Engineering (Aeronautics), BSE degree program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A maximum of 64 credit hours will transfer to Arizona State University.

Students interested in completing the BSE Aerospace Engineering (Aeronautics) degree with two additional years at ASU, must complete MAE 242 (Intro to Fluid Mechanics) and MAE 384 through concurrent enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480) 965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: PUBLIC SPEAKING or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151AA: General Chemistry I AND<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II | 0-9 hrs | Satisfies the CHM 114 requirement at ASU. If not completed at Maricopa, CHM 114 must be completed at ASU through concurrent enrollment or in the summer prior to admission to ASU. |
| ECE 102: Engineering Analysis Tools and Techniques or<br>ECE 102AA: Engineering Problem Solving and Design AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 105: MATLAB Programming OR<br><br>CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 1-4 hrs | |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECE 216: Computer-Aided Engineering and<br>ECE 216LL: Computer-Aided Engineering La | 3 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | |
| MAT 225: Elementary Linear Algebra | 3 hrs | |
| MAT 277: Modern Differential Equations or<br>MAT 276: Modern Differential Equations | 3-4 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 66

# Pathway Agreement

Print

**Maricopa Community College District**

**Aerospace Engineering (Astronautics), BSE Pathway**

**2021-2022**

ASU Major: Aerospace Engineering (Astronautics), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Science, Humanities, Arts, and Design, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 221: Calculus with Analytic Geometry I<br>or<br>MAT 220: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement(s). |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement(s). |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or<br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs | |

Subject Options

| | | |
|---|---|---|
| MAT 231: Calculus with Analytic Geometry II<br>or<br>MAT 230: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 241: Calculus with Analytic Geometry III<br>or<br>MAT 240: Calculus with Analytic Geometry III | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Engineering degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Aerospace Engineering (Astronautics), BSE degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Aerospace Engineering (Astronautics), BSE degree program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A maximum of 64 credit hours will transfer to Arizona State University.

Students interested in completing the BSE Aerospace Engineering (Astronautics) degree with two additional years at ASU, must complete MAE 242 (Intro to Fluid Mechanics) and MAE 384 through concurrent enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480)965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: PUBLIC SPEAKING or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151AA: General Chemistry I AND<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II | 0-9 hrs | Satisfies the CHM 114 requirement at ASU. If not completed at Maricopa, CHM 114 must be completed at ASU through concurrent enrollment or in the summer prior to admission to ASU. |
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 105: MATLAB Programming or<br>CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 1-4 hrs | |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECE 216: Computer-Aided Engineering and<br>ECE 216LL: Computer-Aided Engineering La | 3 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | |
| MAT 225: Elementary Linear Algebra | 3 hrs | |
| MAT 277: Modern Differential Equations or<br>MAT 276: Modern Differential Equations | 3-4 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 66

# Pathway Agreement

Print

**Maricopa Community College District**

**Aerospace Engineering (Autonomous Vehicle Systems), BSE Pathway**

**2021-2022**

ASU Major: Aerospace Engineering (Autonomous Vehicle Systems), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and critical Inquiry, Social-Behavioral Sciences, Humanities, Arts, and Design, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 221: Calculus with Analytic Geometry I<br>or<br>MAT 220: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement(s). |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or<br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs | |

Subject Options

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Engineering degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Aerospace Engineering (Autonomous Vehicle Systems), BSE degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Aerospace Engineering (Autonomous Vehicle Systems), BSE degree program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A maximum of 64 credit hours will transfer to Arizona State University.

Students interested in completing the BSE Aerospace Engineering (Autonomous Vehicle Systems) degree with two additional years at ASU, must complete MAE 242 (Intro to Fluid Mechanics) and MAE 384 through concurrent enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480)965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: PUBLIC SPEAKING or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151AA: General Chemistry I AND<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II | 0-9 hrs | Satisfies the CHM 114 requirement at ASU. If not completed at Maricopa, CHM 114 must be completed at ASU through concurrent enrollment or in the summer prior to admission to ASU. |
| ECE 102: Engineering Analysis Tools and Techniques or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 105: MATLAB Programming or<br>CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 1-4 hrs | |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | |
| ECE 216: Computer-Aided Engineering and<br>ECE 216LL: Computer-Aided Engineering Laboratory | 3 hrs | |
| MAT 225: Elementary Linear Algebra | 3 hrs | |
| MAT 277: Modern Differential Equations or<br>MAT 276: Modern Differential Equations | 3-4 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 66

# Pathway Agreement

Print

**Maricopa Community College District**
**African and African American Studies, BA Pathway**
**2021-2022**

ASU Major: African and African American Studies, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| AFR 202: Ethnic Relations in the U.S. | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by AFR 202. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by AFR 202. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the African and African American Studies BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | |
| Related Area Course | 0-3 hrs | Select one course that transfers to ASU as a course equivalent or department elective (DEC) in the following ASU prefixes: AFS, AFR, or AFH; or select one of the following courses: ASB 202, ENH 110, ENH 114 HIS 204, HUM 214, or HUM 260. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**American Indian Studies, BS Pathway**
**2021-2022**

ASU Major: American Indian Studies, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Suggest AIS 213 as a required Humanities or Literacy course. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Suggest AIS 213 as a required Humanities or Literacy course. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Suggest taking AIS 140. |
| Social-Behavioral Science | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Met by AIS 160 or SOC 160 requirement |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Met by AIS 160 or SOC 160 requirement |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in American Indian Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the American Indian Studies B.S. degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| AIS 105: Introduction to American Indian Studies or<br>SOC 105: Introduction to American Indian Studies | 3 hrs | |
| AIS 160: American Indian Law or<br>SOC 160: American Indian Law | 3 hrs | |
| Arts, Languages and Cultures Emphasis Area | 0-8 hrs | |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

Arts, Languages and Cultures Emphasis Area

| Arts, Languages and Cultures Emphasis Area | |
|---|---|
| NAV 101: Elementary Navajo I or<br>NAV 102: Elementary Navajo II | NAV 101 and 102 are not required courses. Students may choose to complete NAV 101 or 102 after transfer to ASU. |

# Pathway Agreement

Print

**Maricopa Community College District**
**Anthropology, BA Pathway**
**2021-2022**

ASU Major: Anthropology, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics and<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs |
| PSY 230: Introduction to Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| ASB 222: Buried Cities and Lost Tribes: Old World or<br>ASB 223: Buried Cities and Lost Tribes: New World | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ASB 102: Introduction to Cultural Anthropology | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| ASM 104: Bones, Stones, and Human Evol | 4 hrs |
| Natural Science [SQ] | 4 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Anthropology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Anthropology, BA degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by ASB 222 or ASB 223. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Anthropology, BS Pathway**
**2021-2022**

ASU Major: Anthropology, BS | The College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 206: Elements of Statistics or<br>PSY 230: Introduction to Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ASB 222: Buried Cities and Lost Tribes: Old World or<br>ASB 223: Buried Cities and Lost Tribes: New World | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ASB 102: Introduction to Cultural Anthropology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| ASM 104: Bones, Stones, and Human Evolution | 4 hrs | |
| Natural Science [SQ] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by ASB 222 or ASB 223. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Anthropology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Anthropology, BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Anthropology Elective | 6 hrs | Select two courses (6 credits) that transfer to ASU in the ASB OR ASM prefix. |
| Lower Division Elective | 0-18 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. Maricopa recommends ASB 100, ASM/FOR 275, GPH 210, or GPH 211. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Applied Biological Sciences (Applied Biological Sciences), BS Pathway**

**2021-2022**

ASU Major: Applied Biological Sciences (Applied Biological Sciences), BS | College of Integrative Sciences and Arts

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | MAT 220 or MAT 221 is recommended for graduate school and health professions, and is required for the AS, Emphasis in Biological Sciences degree. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Biological Sciences (Applied Biological Sciences) BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | COM 225 may be shared with [L]. COM 100, COM 110 or COM 230 may be shared with [SB]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistry OR<br><br>CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I L and<br>CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry IIA Laboratory | 4-8 hrs | Students considering graduate school or health professions should complete the following: CHM 235, 235LL, 236, and 236LL (instead of CHM 230 and 230LL). |
| PHY 101: Introduction to Physics or<br>PHY 101AA: Introduction to Physics OR<br><br>PHY 111: General Physics I and<br>PHY 112: General Physics II | 4-8 hrs | Students considering graduate school or health professions should complete the PHY 111 and PHY 112 sequence. All other students will complete PHY 101 and elective hours. |
| Lower Division Elective | 0-14 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Applied Biological Sciences (Natural Resource Ecology), BS Pathway**

**2021-2022**

ASU Major: Applied Biological Sciences (Natural Resource Ecology), BS | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-5 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Applied Biological Sciences (Natural Resource Ecology), BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 207: Applied Plant Taxonomy | 0-3 hrs | If needed, can be taken after transfer. |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |
| CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistry | 4 hrs | |
| PHY 101: Introduction to Physics | 4 hrs | |
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Applied Biological Sciences (Preveterinary Medicine), BS Pathway**

**2021-2022**

ASU Major: Applied Biological Sciences (Preveterinary Medicine), BS | College of Integrative Sciences and Arts

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | MAT 220 or MAT 221 is recommended for graduate school and health professions, and is required for the AS, Emphasis in Biological Sciences degree. |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Biological Sciences (Preveterinary Medicine), BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | COM 225 may be shared with [L]. COM 100, COM 110 or COM 230 may be shared with [SB]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 205: Microbiology | 4 hrs | |
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I Laboratory | 4 hrs | |
| CHM 236: General Organic Chemistry IIA<br>and<br>CHM 236LL: General Organic Chemistry IIA Laboratory | 4 hrs | |
| PHY 111: General Physics I | 4 hrs | |
| PHY 112: General Physics II | 4 hrs | |
| Lower Division Elective | 0-2 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Applied Biological Sciences (Secondary Education in Biology), BS Pathway**

**2021-2022**

ASU Major: Applied Biological Sciences (Secondary Education in Biology), BS | College of Integrative Sciences and Arts

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 113: United States and Arizona Social Studies or<br>GCU 113: United States and Arizona Social Studies or<br>HIS 103: United States History to 1865 | 3 hrs | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |
| Social-Behavioral Science [SB] | 3 hrs | EDU 222 is recommended. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II | 4 hrs | |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Secondary Education degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Biological Sciences (Secondary Education in Biology), BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 150AA: General Chemistry I or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 151AA: General Chemistry I | 4 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II or<br>CHM 154: General Chemistry II with Qualitative Analysis and<br>CHM 154LL: General Chemistry II with Qualitative Laboratory | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | EDU 222 is recommended. |
| Global Awareness [G] or Historical Awareness [H] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 205: Microbiology | 4 hrs | |
| PHY 101: Introduction to Physics or<br>PHY 101AA: Introduction to Physics OR<br><br>PHY 111: General Physics I or<br>PHY 111AA: General Physics I | 4-5 hrs | Students considering Graduate school or health professions should complete PHY 111 and PHY 112, using PHY 112 in place of electives. All other students should complete PHY 101. |
| Lower Division Elective | 0-14 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Applied Biological Sciences (Sustainable Horticulture), BS Pathway**

**2021-2022**

ASU Major: Applied Biological Sciences (Sustainable Horticulture), BS | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | GCU 113 is recommended. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Applied Biological Sciences (Sustainable Horticulture) BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| AGS 260: Soils | 3 hrs | Fulfills ASU's Sustainable Horticulture Elective |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 150AA: General Chemistry I or CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory or CHM 152AA: General Chemistry II or CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | 4-5 hrs | |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry Laboratory OR<br><br>CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I Laboratory | 4 hrs | Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 235/235LL and CHM 236/236LL sequence, using CHM 236/236LL in place of electives. All other students will complete CHM 230/230LL. |
| PHY 101: Introduction to Physics or PHY 101AA: Introduction to Physics OR<br><br>PHY 111: General Physics I or PHY 111AA: General Physics I | 4-5 hrs | Students considering graduate school or health professions should complete the PHY 111/111AA and PHY 112 sequence, using PHY 112 in place of electives. All other students will complete PHY 101/101AA. |
| Lower Division Elective | 0-5 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Applied Computing, BS Pathway**
**2021-2022**

ASU Major: Applied Computing, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>OR<br><br>MAT 221: Calculus with Analytic Geometry I | 3-5 hrs |
| CSC 110: Introduction to Computer Science<br>or<br>CSC 110AA: Introduction to Computer Science or<br>CSC 110AB: Introduction to Computer Science | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Applied Computing BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 200: Principles of Computer Science or<br>CSC 200AA: Principles of Computer Science(Java) or<br>CSC 200AB: Principles of Computer Science or<br>CSC 205: Object Oriented Programming or<br>CSC 205AA: Object Oriented Programming or<br>CSC 205AB: Object Oriented Programming or<br>CSC 205AC: Object Oriented Programming or<br>CSC 205AD: Object Oriented Programming | 3-4 hrs | CSC 205, CSC 205AA, CSC 205AB, CSC 205AC, or CSC 205AD recommended because they meet the prerequisite for CSC 240 or CSC 240AA. |
| CSC 240: Introduction to Different Programming Languages or<br>CSC 240AA: Introduction to Different Programming Languages | 3 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs | As per "or permission of instructor" in Maricopa's MAT227 course description, academic advisors and other student services personnel are authorized by Maricopa's Math Instructional Council to approve MAT227 registration using either MAT212/213 OR MAT220/221 (and CSC110 or CSC110) as the course prerequisites. |
| MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Applied Computing (Cybersecurity), BS Pathway**
**2021-2022**

ASU Major: Applied Computing (Cybersecurity), BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>OR<br><br>MAT 221: Calculus with Analytic Geometry I | 3-5 hrs |
| CSC 110: Introduction to Computer Science<br>or<br>CSC 110AA: Introduction to Computer Science or<br>CSC 110AB: Introduction to Computer Science | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| COM 100: Introduction to Human Communication or<br>COM 100AA: Intro Human Communication Part I or<br>COM 100AB: Intro Human Communication Part II or<br>COM 100AC: Intro Human Communication Part III | 3 hrs |
| PSY 101: Introduction to Psychology | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Applied Computing (Cybersecurity) BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0 hrs | Fulfilled by COM 100. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 200: Principles of Computer Science or<br>CSC 200AA: Principles of Computer Science(Java) or<br>CSC 200AB: Principles of Computer Science or<br>CSC 205: Object Oriented Programming or<br>CSC 205AA: Object Oriented Programming or<br>CSC 205AB: Object Oriented Programming or<br>CSC 205AC: Object Oriented Programming or<br>CSC 205AD: Object Oriented Programming | 3-4 hrs | CSC 205, CSC 205AA, CSC 205AB, CSC 205AC, or CSC 205AD recommended because they meet the prerequisite for CSC 240 or CSC 240AA. |
| CSC 240: Introduction to Different Programming Languages or<br>CSC 240AA: Introduction to Different Programming Languages | 3 hrs | |
| MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs | As per "or permission of instructor" in Maricopa's MAT227 course description, academic advisors and other student services personnel are authorized by Maricopa's Math Instructional Council to approve MAT227 registration using either MAT212/213 OR MAT220/221 (and CSC110 or CSC110) as the course prerequisites. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Applied Mathematics, BS Pathway**
**2021-2022**

ASU Major: Applied Mathematics, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry[L], Social-Behavioral Sciences [SB], Humanities and Fine Arts [HU], COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |
| CSC 110: Introduction to Computer Science<br>or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR<br><br>BIO 181: General Biology (Majors) I | 4-5 hrs | Select a sequence of the same science with at least one course satisfying the [SQ] requirement. |
| CHM 152: General Chemistry II or<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricty OR<br><br>BIO 182: General Biology (Majors) II | 4-5 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Mathematics BS degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 200: Principles of Computer Science(Java) or<br>CSC 200AA: Principles of Computer Science(Java) or<br>CSC 200AB: Principles of Computer Science(Java) or<br>CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures or<br>CSC 205AC: Object Oriented Programming and Data Structures or<br>CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs | Completion of ASU's ACO 101 and ACO 102 satisfies the New College Language and Cultures requirement. |
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| Lower Division Elective | 0-10 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Applied Mathematics, BS Pathway**
**2021-2022**

ASU Major: Applied Mathematics, BS | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry[L], Social-Behavioral Sciences [SB], Humanities and Fine Arts [HU], COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |
| CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 3-4 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR<br><br>BIO 181: General Biology (Majors) I | 4-5 hrs | Select a sequence of the same science with at least one course satisfying the [SQ] requirement. |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricty OR<br><br>BIO 182: General Biology (Majors) II | 4-5 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Mathematics BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirement simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirement simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| MAT 227: Discrete Mathematical Structures | 3 hrs | |
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| Lower Division Elective | 0-10 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Applied Mathematics for Life and Social Sciences, BS Pathway**

**2021-2022**

ASU Major: Applied Mathematics for Life and Social Sciences, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |
| CSC 100: Introduction to Computer Science<br>or<br>CSC 100AA: Introduction to Computer Science or<br>CSC 100AB: Intro to COMPUTER SCIENCE (C+ OR<br><br>CSC 110: Introduction to Computer Science<br>or<br>CSC 110AA: Introduction to Computer Science or<br>CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ASB 102: INTRO/CULTURAL & SOCIAL ANTHROPOLOGY OR<br><br>PSY 101: Introduction to Psychology OR<br><br>SOC 101: Introduction to Sociology OR<br><br>POS 110: American National Government OR<br><br>CFS 205: Human Development OR<br><br>GCU 102: Intro to HUMAN GEOGRAPHY | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Mathematics for the Life and Social Sciences BS degree program.

Minimum of 2.0 GPA is required for all coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater.

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirement simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirement simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Applied Physics, BS Pathway**

**2021-2022**

ASU Major: Applied Physics, BS | College of Integrative Sciences and Arts

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4-5 hrs |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs |

Subject Options

| | |
|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Physics degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Physics, BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| Cultural Diversity in the U.S. (C) | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 0-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Architectural Studies, BSD Pathway**
**2021-2022**

ASU Major: Architectural Studies, BSD | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 150: College Algebra / Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus | 5-9 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | Students wishing to transfer into Architectural Studies must complete ALA 235 at ASU. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 100: Introduction to Art or<br>ARH 101: Prehistoric through Gothic Art or<br>ARH 115: History of Photography or<br>ARH 217: Mexican Art History | 3 hrs | |
| ARH 102: Renaissance Through Contemporary Art or<br>ARH 201: Art of Asia or<br>ARH 203: Art of Ancient Egypt or<br>ARH 204: Roman Art and Architecture | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | ASU recommends COM 100, COM 110 or COM 230 for Social-Behavioral Science [SB]. |
| Social-Behavioral Science [SB] | 3 hrs | Recommend selecting a course which satisfies [SB] and awareness area [C, H, or G] requirements simultaneously. |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Architectural Studies, BSD degree program.

The MAPP for the BS in Architecture is provided as a transfer pathway for students wishing to complete their BS in Architecture at Arizona State University. The BS in Architecture is a pathway for the 3+ graduate programs in Architecture, Industrial Design, Interior Architecture, Landscape Architecture and Visual Communication Design offered through The Design School. These programs are studio Master's Degree programs that students with a Bachelor's Degree in any discipline can apply for. The options for these programs which can be seen on The Design School's graduate degrees page https://design.asu.edu/degree-programs/gradua

| | | |
|---|---|---|
| PHY 101: Introduction to Physics or<br>PHY 111: General Physics I | 4 hrs | PHY 101 is recommended for students wishing to transfer to Architectural Studies. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend combining [C] requirement with [SB, HU, or L]. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend combining [H] or [G] requirement with [SB, HU, or L]. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | ASU recommends COM 100, COM 110 or COM 230 to fulfill the Social-Behavioral Science [SB] requirement. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ARH 204: Roman Art and Architecture or<br>CON 101: Construction and Culture or<br>CNS 101: Course Title Not Available or<br>INT 120: Modern Architecture and Furniture or<br>INT 150: Color and Design | 6 hrs | Select two courses (6 credits) for the Architecture & Design Survey requirement. |
| Any transferable course in the following prefixes: ARC, ARH, ART, ARC, BLT, CET, CON, CNS, DFT, INT, REA, SCT, SSH, or SUS | 6 hrs | Select two courses (6 credits) of Architecture Related Electives. |
| ARC 120: Design Fundamentals I or<br>ARC 121: Introduction to Architectural Drafting: Manual or<br>ARC 141: Architectural CAD I: Introduction or<br>ARC 142: Architectural CAD II: Plans and Elevations or<br>ARC 243: Architectural CAD III: Site Plans and Sections or<br>ARC 250: Basic Revit or<br>ARC 251: Intermediate Revit or<br>ARC 252: Advanced Revit or<br>ARC 265: Sketchup I: Introduction to Sketchup or<br>ARC 266: Sketchup II: Advanced Rendering Techniques or<br>ART 111: Drawing I or<br>ART 112: Two-Dimensional Design or<br>ART 113: Color or<br>ART 115: Three-Dimensional Design or<br>ART 116: Life Drawing I or<br>ART 122: Drawing and Composition II or<br>ART 151: Sculpture I or<br>ART 161: Ceramics I or<br>ART 165: Watercolor Painting I or<br>ART 167: Painting I or<br>ART 181: Graphic Design I or<br>ART 202: Digital Arts Survey or<br>ART 290BC: Studio Art: Drawing or<br>ART 290JC: Studio Art: Color or<br>DFT 105AA: Computer Aided Drafting I: AutoCAD or<br>DFT 110: Introduction to Drafting or<br>DFT 111: Intermediate Drafting or<br>DFT 112: Advanced Drafting or<br>DFT 252AA: Course not found or<br>INT 100: Interior Design Drafting or<br>INT 122: Digital Visualization for Design or<br>INT 140: Introduction to CAD for Interior Design or<br>INT 145: Drawing and Rendering or<br>INT 190: Space Planning or<br>INT 205: Residential Design or<br>INT 230: Presentation Techniques or<br>INT 251: Sketchup I: Introduction to Sketchup or<br>TCM 100: Digital Multimedia | 12 hrs | Select four courses (12 credits) for the Architecture, Art & Design, Project Courses requirement. |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**
**Art (Animation), BFA Pathway**
**2021-2022**

ASU Major: Art (Animation), BFA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Art OR<br><br>ARH 102: Renaissance Through Contemporary Art | 3 hrs | Also fulfills Historical Awareness [H]. |
| ARH 201: Art of Asia OR<br><br>ARH 145: History of American Indian Art OR<br><br>ARH 217: Mexican Art History | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Select a course which satisfies Social-Behavioral Science [SB] and Cultural Diversity [C], if not met by a course in a different section. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to Art (Animation), BFA degree program.

The MAPP for Art (Animation), BFA is provided as a transfer pathway for students wishing to complete their Art (Animation), BFA at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be found here: https://herbergerinstitute.asu.edu/advising.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Fulfilled by ARH 101 or ARH 102. |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| ART 111: Drawing I | 3 hrs | |
| ART 112: Two-Dimensional Design | 3 hrs | |
| ART 115: Three-Dimensional Design | 3 hrs | |
| ART 178: Digital Arts Studies | 3 hrs | |
| ART 116: Life Drawing I or<br>ART 122: Drawing and Composition II or<br>ART 131: Photography I or<br>ART 132: Photography II or<br>ART 142: Introduction to Digital Photography or<br>ART 143: Intermediate Digital Photography or<br>ART 165: Watercolor Painting I or<br>ART 167: Painting I or<br>ART 234: Color Photography I or<br>ART 250: Introduction to Printmaking or<br>ART 263: Figure Painting or<br>ART 290DC: Studio Art: Life Drawing or<br>ART 290HC: Studio Art: Watercolor or<br>ART 290PC: Studio Art: Painting or<br>DFT 255: 3D Printing/Additive Manufacturing or<br>TEC 134: Fashion Illustration I or<br>TEC 139: Fashion Illustration: Children's Wear | 3 hrs | 2D Art Course |
| ART 151: Sculpture I or<br>ART 153: Woodworking I or<br>ART 161: Ceramics I or<br>ART 246: Introduction to Digital 3D Fabrication Tools or<br>ART 277: Textiles I or<br>ART 290GC: Studio Art: Ceramics or<br>ART 290FF: Studio Art: Sculpture or<br>ART 290WC: Studio Art: Woodworking or<br>DFT 255: 3D Printing/Additive Manufacturing or<br>TEC 110: Basic Sewing Skills or<br>TEC 111: Clothing Construction or<br>TEC 120: Intermediate Clothing Construction or<br>TEC 124: Advanced Clothing Construction or<br>THP 246: Introduction to Digital 3D Fabrication Tools | 3 hrs | 3D Art Course |
| ART 122: Drawing and Composition II or<br>ART 142: Introduction to Digital Photography or<br>ART 143: Intermediate Digital Photography or<br>ART 240: Cinematography and Directing for 3D Animation or<br>ART 246: Introduction to Digital 3D Fabrication Tools or<br>ART 279: Media Productions II or<br>CRW 190: Introduction to Screenwriting or<br>DFT 255: 3D Printing/Additive Manufacturing or<br>FMP 105: Studio Production or<br>FMP 108: Video Production or<br>FMP 111: Screenwriting I or<br>FMT 107: Career Pathways in the Media or<br>FMT 121: Story Theory for Film, Television and Media or<br>FMT 123: Feature Screenwriting: First Draft or<br>FMT 124: Television Screenwriting: Writers Room or<br>FMT 223: Feature Screenwriting: The Rewrite or<br>FMT 224: Television Screenwriting: Original TV Pilot or<br>HUM 210: Contemporary Cinema or<br>THF 210: Contemporary Cinema or<br>THP 246: Introduction to Digital 3D Fabrication Tools | 3 hrs | Lower Division Animation Elective |
| Lower Division Elective | 0-4 hrs | |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Art (Art Education), BFA Pathway**
**2021-2022**

ASU Major: Art (Art Education), BFA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Ar | 3 hrs | Also fulfills Historical [H] awareness area. |
| ARH 102: Renaissance Through Contemporary Art | 3 hrs | Also fulfills Historical [H] awareness area. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| GCU 113: United States and Arizona Social Studies or<br>POS 113: United States and Arizona Social Studies OR<br><br>Social-Behavioral Science [SB] | 3 hrs | |
| EDU 222: Introduction to the Exceptional Learner or<br>EED 222: INTRO EXCPT YNG CHLD: BIRTH-8 | 3 hrs | Also fulfills Cultural Diversity in the U.S. [C] |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Art (Art Education) BFA degree program.

The MAPP for Art (Art Education), BFA is provided as a transfer pathway for students wishing to complete their Art (Art Education), BFA at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can befound here: https://herbergerinstitute.asu.edu/advising

For more information about the BFA application process and requirements, please visit: http://art.asu.edu/admissions/undergrad/applyin

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | [C] met by EDU222 or EED 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | [H] met by ARH101 and ARH102. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ART 111: Drawing I | 3 hrs | |
| ART 112: Two-Dimensional Design | 3 hrs | |
| ART 113: Color | 3 hrs | |
| ART 115: Three-Dimensional Design | 3 hrs | |
| Additional Art Foundation | 9 hrs | Complete one 2D course, one 3D course, and one additional 2D or 3D course. See Tracks below for course listings. The track title is located in the comments section of each track. |
| Art Education Proficiency Courses | 6 hrs | Complete courses that transfer to ASU with an ARA, ARE, ARS or ART prefix. |

Total Required Credits: 62

## Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|---|---|
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | Additional Art Foundation |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I OR | |
| ART 277: Textiles I | |

# Pathway Agreement

Print

**Maricopa Community College District**
**Art (Art History), BA Pathway**
**2021-2022**

ASU Major: Art (Art History), BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Art | 3 hrs | |
| ARH 102: Renaissance Through Contemporary Art | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | 3 hrs [H] satisfied by ARH 101 or ARH 102. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Art (Art History) B.A. degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ART 111: Drawing I or<br>ART 290BC: Studio Art: Drawing OR<br><br>ADA 169: Two-Dimensional Computer Design or<br>ART 112: Two-Dimensional Design or<br>ART 169: Two-Dimensional Computer Design OR<br><br>ART 113: Color or<br>ART 290JC: Studio Art: Color OR<br><br>ART 115: Three-Dimensional Design OR<br><br>ART 131: Photography I | 9 hrs | Select a total of three courses from the four sets of courses listed. Only one course may be selected from each given set. |
| ARH 201: Art of Asia | 3 hrs | |
| ARH 115: History of Photography | 3 hrs | |
| Second Language Requirement satisfied through the following: Completion of language course at the intermediate level (course must transfer to ASU at the 202 level or above). American Sign Language does not fulfill the degree requirements. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. American Sign Language does not fulfill the degree requirements. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-10 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Art (Art Studies), BA Pathway**

**2021-2022**

ASU Major: Art (Art Studies), BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Ar OR<br><br>ARH 102: Renaissance Through Contempor | 3 hrs | Satisfies Historical [H] Awareness Area. ARH 101 and ARH 102 are both required for the AAFA, Emphasis in Art. |
| ARH 201: Art of Asia | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Select a course which satisfies Social-Behavioral Science [SB] and the AGEC Cultural Diversity [C] Awareness Area. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Fulfilled by ARH 101 or ARH 102. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Art (Art Studies) BA degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ART 111: Drawing I | 3 hrs | |
| ART 112: Two-Dimensional Design | 3 hrs | |
| ART 113: Color | 3 hrs | ART 113 is required for the AAFA, Emphasis in Art. |
| ART 115: Three-Dimensional Design | 3 hrs | |
| Additional Art Foundation | 12 hrs | Complete one 2D course, one 3D course, and two additional 2D or 3D courses. See Tracks below for course listings. |
| Performing Arts Electives | 3 hrs | Select three credit hours from the performing arts elective list. |

Total Required Credits: 62

## Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|---|---|
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I OR | |
| ART 277: Textiles I | |

Performing Arts Electives

| Performing Arts Electives | |
|---|---|
| DAN Elective OR | MTC Elective cannot be MTC 103. |
| HUM 205: Introduction to Cinema or<br>HUM 210: Contemporary Cinema or<br>THF 205: Introduction to Cinema or<br>THF 210: Contemporary Cinema OR | MUC Elective cannot be MUC 194, MUC 210, MUC 211, MUC 274AB, MUC 297AA, MUC 297AB, or MUC 297AC |
| MHL Elective OR<br>MTC Elective OR<br>MUC Elective OR<br>MUE Elective OR<br>MUP Elective OR<br>TCM Elective OR | TCM Electives: TCM 111 and 211, TCM 120, TCM 134, TCM 136, TCM 145, TCM 202, TCM 213AA, TCM 220, TCM 230, TCM 240, TCM 248, TCM 250, TCM 263, TCM 265, and TCM 275. |
| THE Elective or<br>THF Elective OR | THE/THF Elective cannot be THE 206, THF 210, HUM 210, THE 282AA, THE 282AB, or THE 282AC. |
| THP Elective or<br>THF Elective | THP/THF Elective cannot be THF 120AA, THF 120AB, THP 241, COM 241 or THP 268. |

# Pathway Agreement

Print

**Maricopa Community College District**

**Art (Ceramics), BFA Pathway**

**2021-2022**

ASU Major: Art (Ceramics), BFA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend COM 225 to meet [L] and Oral Communication requirements simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Art or<br>ARH 102: Renaissance Through Contemporary Art | 3 hrs | |
| ARH 201: Art of Asia OR<br><br>ARH 145: History of American Indian Art OR<br><br>ARH 217: Mexican Art History | 3 hrs | ARH 145 also fulfills Cultural Diversity [C]. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Select a course which satisfies SB (Social & Behavioral Sciences) and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Ceramics), BFA degree program.

The MAPP for the BFA in Art (Ceramics) is provided as a transfer pathway for students wishing to complete their BFA in Art (Ceramics) at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be foundhere: https://herbergerinstitute.asu.edu/advising

For more information about the BFA application process and requirements, please visit: http://art.asu.edu/admissions/undergrad/applyin

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Fulfilled by ARH 101 or ARH 102. |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| ART 111: Drawing I | 3 hrs | | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs | | |
| ART 161: Ceramics I | 3 hrs | | |
| ART 255: Art Marketing or<br>ART 255AB: The Portfolio | | 1-3 hrs | Required for the AAFA Emphasis in Art. |
| Additional Art Foundation | | 9 hrs | Complete one 2D course, one 3D course, and an additional 2D or 3D course. See Tracks below for course listings. The track title is located in the comments section of each track. |

Total Required Credits: 60

## Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|---|---|
| ART 151: Sculpture I OR | 3D Courses |
| ART 277: Textiles I | |

| Additional Art Foundation | |
|---|---|
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |

# Pathway Agreement

Print

**Maricopa Community College District**
**Art (Intermedia), BFA Pathway**
**2021-2022**

ASU Major: Art (Intermedia), BFA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Ar OR<br><br>ARH 102: Renaissance Through Contemporary Art | 3 hrs | Also fulfills Historical [H] awareness area. |
| ARH 201: Art of Asia OR<br><br>ARH 145: History of American Indian Art OR<br><br>ARH 217: Mexican Art History | 3 hrs | ARH 145 also meets [C]. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Select a course which satisfies SB (Social & Behavioral Sciences) and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to Art (Intermedia) BFA degree program.

The MAPP for the Art (Intermedia), BFA is provided as a transfer pathway for students wishing to complete their Art (Intermedia), BFA at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be foundhere: https://herbergerinstitute.asu.edu/advising .

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Fulfilled by ARH 101 or 102 |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| ART 111: Drawing I | 3 hrs | | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs | | |
| ART 202: Digital Arts Survey or<br>TCM 100: Digital Multimedia | 3 hrs | | |
| DFT 255: Additive Manufacturing | | 0-4 hrs | This course can be completed after transfer to ASU |
| Additional Art Foundation | | 9 hrs | Complete one 2D course, one 3D course, and one additional 2D or 3D course. See Tracks below for course options. |
| Lower Division Elective | 0-4 hrs | | |

Total Required Credits: 60

## Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|---|---|
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I OR | |
| ART 277: Textiles I | |

Additional Art Foundation

# Pathway Agreement

Print

**Maricopa Community College District**
**Art (Museum Studies), BA Pathway**
**2021-2022**

ASU Major: Art (Museum Studies), BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Art | 3 hrs | |
| ARH 102: Renaissance through Contemporary Art | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | 3 hrs [H] satisfied by ARH 101 or ARH 102. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Art (Museum Studies) B.A. degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ARH 145: History of American Indian Art or<br>ARH 201: Art of Asia or<br>ARH 216: Pre-Columbian Art History or<br>ARH 217: Mexican Art History | 3 hrs | The ASU requirement is ARS 201, but the specified Maricopa world or art history courses could fulfill the requirement. |
| Related Area Courses | 3 hrs | |
| Second Language Requirement satisfied through the following: Completion of language course at the intermediate level (course must transfer to ASU at the 202 level or above). American Sign Language does not fulfill the degree requirements. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. American Sign Language does not fulfill the degree requirements. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

Related Area Courses

| Related Area Courses |
|---|
| GBS 151: Introduction to Business OR |
| GBS 206: Business Law (UCC) OR |
| HRM 160: Tourism Principles and Practices OR |
| IBS 101: Introduction to International Business OR |
| IBS 109: Cultural Dimension for International Trade OR |
| MGT 160: Project Management OR |
| MKT 101: Introduction to Public Relations OR |
| MKT 263: Advertising Principles OR |
| MKT 271: Principles of Marketing OR |
| PAD 101: Survey of Public Administration OR |
| REC 120: Leisure and the Quality of Life OR |
| REC 210: Leisure Delivery Systems |

# Pathway Agreement

Print

**Maricopa Community College District**
**Art (Painting and Drawing), BFA Pathway**
**2021-2022**

ASU Major: Art (Painting and Drawing), BFA | Herberger Institute for Design and the Arts

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously. |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Ar or<br>ARH 102: Renaissance Through Contemporary Art | 3 hrs | |
| ARH 201: Art of Asia OR<br><br>ARH 145: History of American Indian Art OR<br><br>ARH 217: Mexican Art History | 3 hrs | ARH 145 also satisfies Cultural Diversity [C]. |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Select a course which satisfies Social & Behavioral Sciences [SB] and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section. |
| Social-Behavioral Science [SB] | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Painting and Drawing),BFAdegree program.

The MAPP for the BFA in Art (Painting and Drawing) is provided as a transfer pathway for students wishing to complete their BFA in Art (Painting and Drawing) at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be foundhere: https://herbergerinstitute.asu.edu/advising

For more information about the BFA application process and requirements, please visit: http://art.asu.edu/admissions/undergrad/applyin

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Fulfilled by ARH 101 or ARH 102. |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| ART 111: Drawing I | 3 hrs | | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs | | |
| ART 116: Life Drawing I or<br>ART 165: Watercolor Painting I | 3 hrs | | |
| ART 122: Drawing and Composition II | 3 hrs | | |
| ART 167: Painting I | 3 hrs | | |
| ART 255: Art Marketing or<br>ART 255AB: The Portfolio | | 1-3 hrs | Required for the AAFA, Emphasis in Art. |
| 3D Art Course | | 3 hrs | Complete one 3D course from the options listed below. |

Total Required Credits: 60

## Track/Groups

3D Art Course

| 3D Art Course | |
|---|---|
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I OR | |
| ART 277: Textiles I | |

# Pathway Agreement

Print

**Maricopa Community College District**
**Art (Photography), BFA Pathway**
**2021-2022**

ASU Major: Art (Photography), BFA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Art or<br>ARH 102: Renaissance Through Contemporary Art | 3 hrs | Meets Historical [H] Awareness Area. |
| ARH 201: Art of Asia OR<br><br>ARH 145: History of American Indian Art OR<br><br>ARH 217: Mexican Art History | 3 hrs | ARH 145 also meets Cultural Diversity [C] Awareness Area. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Select a course which satisfies Social-Behavioral Science [SB] and the Cultural Diversity [C] Awareness Area, if not met by a course in a different section. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Photography), BFA degree program.

The MAPP for the Art (Photography), BFA is provided as a transfer pathway for students wishing to complete their Art (Photography), BFA at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can befoundhere: https://herbergerinstitute.asu.edu/advising

For more information about the BFA application process and requirements, please visit: http://art.asu.edu/admissions/undergrad/applyin

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Fulfilled by ARH 101 or 102 |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| ART 111: Drawing I | 3 hrs | | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs | | |
| ART 132: Photography II | 3 hrs | | |
| ART 234: Color Photography I | 3 hrs | | |
| ART 255: Art Marketing or<br>ART 255AB: The Portfolio | | 1-3 hrs | Required for AAFA, Emphasis in Art |
| 3D Art Course | | 3 hrs | Complete one 3D course. Course options are found below. |
| Lower Division Elective | 3 hrs | | |

Total Required Credits: 60

## Track/Groups

3D Art Course

| 3D Art Course |
|---|
| DFT 255: 3D Printing/Additive Manufacturing or<br>ART 246: Introduction to Digital 3D Fabrication Tools or<br>THP 246: Introduction to Digital 3D Fabrication Tools or<br>ART 151: Sculpture I or<br>ART 290FF: Studio Art: Sculpture or<br>ART 161: Ceramics I or<br>ART 290GC: Studio Art: Ceramics or<br>ART 153: Woodworking I or<br>ART 290WC: Studio Art: Woodworking or<br>ART 277: Textiles I or<br>TEC 110: Basic Sewing Skills or<br>TEC 111: Clothing Construction or<br>TEC 120: Intermediate Clothing Construction or<br>TEC 124: Advanced Clothing Construction |

# Pathway Agreement

Print

**Maricopa Community College District**
**Art (Printmaking), BFA Pathway**
**2021-2022**

ASU Major: Art (Printmaking), BFA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and Oral Communication requirements simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Art OR<br><br>ARH 102: Renaissance Through Contemporary Art | 3 hrs | |
| ARH 201: Art of Asia OR<br><br>ARH 145: History of American Indian Art OR<br><br>ARH 217: Mexican Art History | 3 hrs | ARH 145 also satisfies Cultural Diversity [C]. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Select a course which satisfies Social & Behavioral Sciences [SB] and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Printmaking), BFA degree program.

The MAPP for the BFA in Art (Printmaking) is provided as a transfer pathway for students wishing to complete their BFA in Art (Printmaking) at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be foundhere: https://herbergerinstitute.asu.edu/advising

For more information about the BFA application process and requirements, please visit: http://art.asu.edu/admissions/undergrad/applyin

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Satisfied by ARH 101 or ARH 102 |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| ART 111: Drawing I | 3 hrs | | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs | | |
| ART 250: Introduction to Printmaking | 3 hrs | | |
| ART 255: Art Marketing or<br>ART 255AB: The Portfolio | | 1-3 hrs | Required for AAFA, Emphasis in Art |
| Additional Art Foundation | | 9 hrs | Complete one 2D course, one 3D course, and an additional 2D or 3D course. See Tracks below for course listing. |

Total Required Credits: 60

## Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|---|---|
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | Additional Art Foundation |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I | |
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I OR | |
| ART 277: Textiles I | |

# Pathway Agreement

Print

**Maricopa Community College District**

**Art (Sculpture), BFA Pathway**

**2021-2022**

ASU Major: Art (Sculpture), BFA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Ar OR<br><br>ARH 102: Renaissance Through Contemporary Art | 3 hrs | |
| ARH 201: Art of Asia OR<br><br>ARH 145: History of American Indian Art OR<br><br>ARH 217: Mexican Art History | 3 hrs | ARH 145 also satisfies Cultural Diversity [C]. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Select a course which satisfies SB (Social & Behavioral Sciences) and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Sculpture), BFA degree program.

The MAPP for the Art (Sculpture), BFA is provided as a transfer pathway for students wishing to complete their Art (Sculpture), BFA at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be found here: https://herbergerinstitute.asu.edu/advising .

For more information about the BFA application process and requirements, please visit: http://art.asu.edu/admissions/undergrad/applyin .

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Satisfied by ARH 101 or ARH 102. |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| ART 111: Drawing I | 3 hrs | | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs | | |
| ART 151: Sculpture I | 3 hrs | | |
| ART 255: Art Marketing or<br>ART 255AB: The Portfolio | | 1-3 hrs | Required for AAFA, Emphasis in Art. |
| Additional Art Foundation | | 9 hrs | Complete one 2D course and two additional 2D or 3D courses. See Tracks below for course listings. |

Total Required Credits: 60

## Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|---|---|
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |
| ART 161: Ceramics I OR | 3D Courses |
| ART 277: Textiles I | |

Additional Art Foundation

# Pathway Agreement

Print

**Maricopa Community College District**

**Art (Textiles), BFA Pathway**

**2021-2022**

ASU Major: Art (Textiles), BFA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 101: Prehistoric through Gothic Ar or<br>ARH 102: Renaissance Through Contemporary Art | 3 hrs | |
| ARH 201: Art of Asia OR<br><br>ARH 145: History of American Indian Art OR<br><br>ARH 217: Mexican Art History | 3 hrs | ARH 145 also satisfies Cultural Diversity [C]. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Select a course which satisfies Social & Behavioral Sciences [SB] and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Textiles), BFA degree program.

The MAPP for the BFA in Art (Textiles) is provided as a transfer pathway for students wishing to complete their BFA in Art (Textiles) at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be foundhere: https://herbergerinstitute.asu.edu/advising

For more information about the BFA application process and requirements, please visit: http://art.asu.edu/admissions/undergrad/applyin

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Satisfied by ARH 101 or ARH 102. |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| ART 111: Drawing I | 3 hrs | | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs | | |
| ART 277: Textiles I | 3 hrs | | |
| ART 255: Art Marketing or<br>ART 255AB: The Portfolio | | 1-3 hrs | Required for AAFA, Emphasis in Art. |
| Additional Art Foundation | | 9 hrs | Complete one 2D course, one 3D course, and one 2D or 3D course. Course options are found below. |

Total Required Credits: 60

## Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|---|---|
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I | |

Additional Art Foundation

# Pathway Agreement

Print

**Maricopa Community College District**
**Arts (BA in the Arts), BA Pathway**
**2021-2022**

ASU Major: Arts (BA in the Arts), BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously. |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs |
| Computer/Statistics/Quantitative Analysis | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design | 3 hrs |
| Humanities, Arts, and Design | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science | 3 hrs |
| Social-Behavioral Science | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Arts (BA in Arts)--Arts Administration or Entertainment Design degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Fiscal or Statistical Literacy Elective | 3-6 hrs | Select one option from the Fiscal or Statistical Literacy Elective course list below. |
| Arts Administration or Entertainment Design - Pick 1 Focus Area | 3-6 hrs | Select one or two courses from theTrack/Groups below. Some of the courses may be used to satisfy any remaining AGEC requirements. |
| Arts Discipline and Practice - 3 Courses (9 credits) | 0-9 hrs | Select three courses from the Track/Groups below. Some of the courses may be used to satisfy any remaining AGEC requirements. Only students pursuing the Arts Administration concentration need to complete this requirement. |
| Historical Studies with Asian/African/Native American/Latin American Focus | 3 hrs | Select one course from the Track/Groups below. Some of the courses may be used to satisfy any remaining AGEC requirements. |
| Related Historical and Theoretical Coursework - 1 Course (3 credits) | 0-3 hrs | Select one course from the Track/Groups below. Some of the courses may be used to satisfy any remaining AGEC requirements. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

## Track/Groups

Arts Administration or Entertainment Design - Pick 1 Focus Area

| Arts Administration or Entertainment Design - Pick 1 Focus Area |
|---|
| ENTERTAINMENT DESIGN (1-2 courses; 3-6 credits): or<br>THF 115: Makeup for Stage and Screen or<br>THF 210: Contemporary Cinema or<br>THF 215: Advanced Makeup Techniques for Stage and Screen or<br>THF 209: Acting for the Camera or<br>THF 219: Advanced Acting for the Camera or<br>THP 112: Acting I or<br>THP 201AA: Theatre Production I or<br>THP 201AB: Theatre Production II or<br>THP 203: Technical Theatre Production or<br>THP 213: Intro to Technical Theatre or<br>THP 216: Beginning Stage Lighting or<br>THP 217: Introduction to Design Scenography or<br>THP 226: Theatrical Design: Costuming or<br>THP 262: Entertainment Industry Design Drafting or<br>THP 263: Entertainment Industry Design I: 2D CAD or<br>ART 111: Drawing I or<br>ART 106: Gallery Operations or<br>ART 100: Intro to COMPUTER GRAPHIC ART or<br>ART 131: Photography I or<br>ART 161: Ceramics I or<br>ART 184: Computer Animation or<br>ART 185: 3-D Modeling for Animation or<br>ART 200: Animation and Interactivity or<br>ART 202: Digital Arts Survey or<br>ART 203: Aesthetics of Web Design or<br>DAH 100: Introduction to Dance or<br>HUM 210: Contemporary Cinema or<br>VPT 106: Digital Video Effects or<br>MUC 109: MUSIC BUSINESS: MERCHANDISING and LAW or<br>MUC 110: MUSIC BUSINES:RECORDING and MASS MEDIA or<br>MUC 111: Digital Audio Workstation I (DAW I) or<br>MUC 112: Digital Audio Workstation II (DAW II) or<br>MUC 114: Song Publishing and Marketing or<br>MUC 115: Song Copyrighting and Demos or<br>MUC 122: Sound Design I or<br>MUC 130: Music Electronic Components or<br>MUC 145: Recording Studio Business Operations or<br>MUC 180: Computer Literacy for the Music Business or<br>MUC 195: Studio Music Recording I or |

MUC 196: Studio Music Recording II or
MUC 197: Live Sound Reinforcement I or
MUC 198: Live Sound Reinforcement II or
MUC 209: Music Industry Entrepreneurship or
MUC 222: Sound Design II or
MUC 237: Electronic Dance Music Production or
MUC 292: Sound Design III or
CSC 120: Digital Design Fundamentals

ARTS ADMINISTRATION (1-2 courses; 3-6 credits): any transferable courses with the following course prefixes: ACC, ECN, EPS, FIN, GBS, LDR, MGT, MKT, SBS, or
ART 105: Art Beyond the Classroom or
ART 106: Gallery Operations or
ART 190: Art of Web Site Design or
ART 203: Aesthetics of Web Design or
ART 210: Design Tools for Imagery, Production, and Publishing or
ART 215: Advanced Electronic Publishing or
ART 255: Art Marketing or
ART 255AA: Self Promotion or
CIS 133DA: Internet/Web Development Level I

Arts Discipline and Practice - 3 Courses (9 credits)

| Arts Discipline and Practice - 3 Courses (9 credits) |
| --- |
| Any transferable course from a visual/ performing arts field as an elective with one of the following prefixes: ARC, ARH, ART, CAD, DAH, DAN, DFT, INT, MHL, MTC, MUC, MUE, MUP, TEC, THE, THF, THP, VPT or<br>HUM 205: Introduction to Cinema or<br>HUM 206: Introduction to Television Arts or<br>HUM 210: Contemporary Cinema or<br>STO 284: Storytelling and Music or<br>STO 285: Creating/Performing Solo/Collaborative Works |

Fiscal or Statistical Literacy Elective

| Fiscal or Statistical Literacy Elective |
| --- |
| ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II OR |
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information I OR |
| ACC 230: Uses of Accounting Information I and<br>ACC 250: Introductory Accounting Lab OR |
| ACC 211: Financial Accounting or<br>ECN 211: Macroeconomic Principles or<br>ECN 212: Microeconomic Principles or<br>GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government |

Historical Studies with Asian/African/Native American/Latin American Focus

| Historical Studies with Asian/African/Native American/Latin American Focus |
| --- |
| ARH 118: Introduction to Chinese Art or<br>ARH 145: History of American Indian Art or<br>ARH 201: Art of Asia or<br>ARH 217: Mexican Art History or<br>DAH 201: World Dance Studies or<br>MHL 143: Music in World Cultures |

Related Historical and Theoretical Coursework - 1 Course (3 credits)

| Related Historical and Theoretical Coursework - 1 Course (3 credits) |
| --- |
| ARH 100: Introduction To Art or<br>ARH 101: Prehistoric Through Gothic Art or<br>ARH 102: Renaissance Through Contemporary Art or<br>DAH 201: World Dance Studies or<br>MHL 143: Music In World Cultures or<br>MTC 105: Music Theory I and<br>MTC 106: Aural Perception I or<br>MTC 155: Music Theory II and<br>MTC 156: Aural Perception II or<br>MTC 205: Music Theory III and<br>MTC 206: Aural Perception III or<br>MTC 255: Music Theory IV and<br>MTC 256: Aural Perception IV |

# Pathway Agreement

Print

**Maricopa Community College District**
**Asia Studies (East Asia), BA Pathway**
**2021-2022**

ASU Major: Asia Studies (East Asia), BA | College of Liberal Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Select HU courses that concurrently satisfy Outside East Asia, East Asia, or Across Asia concentration courses. A maximum of two courses may be selected from the Across Asia concentration. Class options are (ARH 201, HIS 113, HIS 114, REL 202, PHI 245) |
| Humanities, Arts, and Design | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Select SB courses that concurrently satisfy Outside East Asia, East Asia, or Across Asia concentration courses. A maximum of two courses may be selected from the Across Asia concentration. |
| Social-Behavioral Science [SB] | 3 hrs | Select an SB course that also satisfies an East Asia concentration requirement.Class options are (HIS 113, HIS 114, and HIS 273) |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Asia Studies (East Asia) B.A. degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | ARH 201, HIS 113 and HIS 114 will satisfy Historical [H] and Global [G] Awareness requirement. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-20 hrs | Chinese, Japanese or Korean is required for this degree. |
| Concentration Courses | 0-9 hrs | Select three courses from any of the 3 concentrations (East Asia, Across Asia, Outside East Asia). A maximum of 2 courses may be selected from the Across Asia concentration. Courses may be used to simultaneously fulfill any outstanding AGEC requirements. Concentration Title is located in each track's notes section. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. HST 111 will need to be taken after transfer to ASU. |

Total Required Credits: 60

## Track/Groups

Concentration Courses

| Concentration Courses | |
|---|---|
| ARH 201: Art of Asia OR | Across Asia Concentration |
| HIS 113: History of Eastern Civilization OR | |
| HIS 114: History of Eastern Civilization OR | |
| REL 202: Classics of Asian Religions OR | |
| PHI 245: INTRODUCTION TO EASTERN PHILOSOPHY OR | |
| ARH 118: Introduction to Chinese Art OR | |
| HIS 240: HIST ISLAM CIV: 6TH CENT-1800 | |
| HIS 273: US Experience in Vietnam 1945 - 1975 | Outside East Asia Concentration |
| HIS 271: HISTORY OF the FAR EAST TO 19 OR | East Asia Concentration:Students can take all three after transfer |
| HIS 272: HISTORY OF the FAR EAST 1900 OR | |
| ARH 118: Introduction to Chinese Art | |

| Concentration Courses |
|---|

| Concentration Courses |
|---|

# Pathway Agreement

Print

**Maricopa Community College District**
**Asian Languages (Chinese), BA Pathway**
**2021-2022**

ASU Major: Asian Languages (Chinese), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ENG 213: Introduction to the Study of or<br>SLC 201: Introduction to Linguistics | 3 hrs | SLC 201 or ENG 213 may be used to satisfy Social and Behavioral Science [SB] requirement instead. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Global Awareness [G] may be satisfied by CHI 201 or CHI 202. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Asian Languages (Chinese) BA degree program. A 2.33 GPA is required in CHI 101, CHI 102, CHI 201, CHI 202.

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| CHI 101: ELEMENTARY CHINESE (MANDARIN) | 0-5 hrs | | |
| CHI 102: ELEMENTARY CHINESE (MANDARIN) | 0-5 hrs | | |
| CHI 201: Intermediate Chinese I | 0-5 hrs | | |
| CHI 202: Intermediate Chinese II | | 5 hrs | Demonstrated proficiency in Chinese language at or above the 202 level is required for enrollment in upper division major requirements courses. |
| Lower Division Elective | | 0-20 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Asian Languages (Japanese), BA Pathway**
**2021-2022**

ASU Major: Asian Languages (Japanese), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| CPD 160: Introduction to Multiculturalism | 3 hrs | Required for AA, Emphasis in Japanese. Also Meets Cultural Diversity in the U.S [C]. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ENG 213: Introduction to the Study of or<br>SLC 201: Introduction to Linguistics | 3 hrs | Three credit hours of Humanities and Fine Arts or Social and Behavioral Sciences may be satisfied by Maricopa ENG 213 or SLC 201. SLC 201 is preferred. |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | ENG 213 or SLC 201 may be used to satisfy 3 credits of the [SB] AGEC requirement instead of [HU]. |
| Social-Behavioral Science | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Met by CPD 160 |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Global Awareness [G] satisfied by JPN 101, JPN 102, JPN 201 and JPN 202 |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Japanese and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Asian Studies (Japanese) BA degree program. 2.33 GPA required in all tracked courses for the major: JPN 101, JPN 102, JPN 201, JPN 202.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| JPN 101: Elementary Japanese I | 0-5 hrs | Demonstrated proficiency in Japanese language at or above the 202 level is required for enrollment in upper division major requirements courses. |
| JPN 102: Elementary Japanese II | 0-5 hrs | |
| JPN 201: Intermediate Japanese I | 0-5 hrs | |
| JPN 202: Intermediate Japanese II | 0-5 hrs | |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Biochemistry, BA Pathway**
**2021-2022**

ASU Major: Biochemistry, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |
| Computer/Statistics/Quantitative Applications | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II<br>Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biochemistry BA degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | COM 225 may be used to satisfy Literacy and Critical Inquiry [L]. COM 100 or COM 110 or COM 230 may be used to satisfy 3 credits of Social-Behavioral Sciences [SB]. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II | 4 hrs | |
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I L | 4 hrs | |
| CHM 236: General Organic Chemistry IIA<br>and<br>CHM 236LL: General Organic Chemistry IIA | 4 hrs | |
| PHY 101: Introduction to Physics OR<br><br>PHY 111: General Physics I or<br>PHY 111AA: General Physics I and<br>PHY 112: General Physics II | 4-8 hrs | Students considering Graduate school or health professions should complete the PHY 111 and PHY 112 sequence. All other students may complete PHY 101. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Biochemistry, BS Pathway**

**2021-2022**

ASU Major: Biochemistry, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II | 4 hrs |

Subject Options

| | |
|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 151AA: General Chemistry I | 4-5 hrs |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biochemistry and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biochemistry, BS degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I L | 4 hrs | |
| CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry IIA | 4 hrs | |
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| PHY 111: General Physics I | 4 hrs | |
| PHY 112: General Physics II | 4 hrs | |
| Computer/Statistics/Quantitative Applications | 0-3 hrs | |
| Lower Division Elective | 0-2 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Biochemistry (Medicinal Chemistry), BS Pathway**
**2021-2022**

ASU Major: Biochemistry (Medicinal Chemistry), BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II | 4 hrs |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biochemistry and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biochemistry (Medicinal Chemistry) BS degree program.

| | |
|---|---|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II OR<br><br>CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | 4 hrs |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L | 4 hrs | |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA | 4 hrs | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| PHY 111: General Physics I | 4 hrs | |
| PHY 112: General Physics II | 4 hrs | |
| Lower Division Elective | 0-2 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Biological Sciences, BS Pathway**
**2021-2022**

ASU Major: Biological Sciences, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | MAT 220 or MAT 221 is recommended for graduate school and health professions, and is required for the AS, Emphasis in Biological Sciences degree. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I and<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II and<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |

Subject Options

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biological Sciences, BS degree program.

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | | |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | COM 225 may be shared with [L]. COM 100, COM 110 or COM 230 may be shared with [SB]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| BIO 220: Biology of Microorganisms | 4 hrs | | |
| CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistry OR<br><br>CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I L AND<br><br>CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry IIA Laboratory | 4-8 hrs | | Pre-health students should take the two-semester sequence (CHM 235/235LL and CHM 236/236LL) instead of CHM 230/230LL. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>PSY 230: Introduction to Statistics | 3 hrs | | Although not directly equivalent, these courses are accepted to meet STP 231 at ASU. Some Maricopa colleges require PSY 231 lab with PSY 230. If taken, the one-credit lab can be applied to lower division electives. |
| PHY 111: General Physics I AND<br><br>PHY 112: General Physics II OR<br><br>PHY 101: Introduction to Physics | 4-8 hrs | | Pre-health students should take the two semester sequence (PHY 111 and PHY 112) instead of PHY 101. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| Lower Division Elective | 0-7 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Biological Sciences (Biology and Society), BS Pathway**
**2021-2022**

ASU Major: Biological Sciences (Biology and Society), BS | College of Liberal Arts and Sciences

## Pathway Requirements

| | | |
|---|---|---|
| **First Year Composition [FYC]** | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| **Literacy and Critical Inquiry [L]** | | |
| Literacy and Critical Inquiry [L] | 3 hrs | |
| **Mathematical Studies [MA, CS]** | | |
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I OR<br><br>MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 3-5 hrs | MAT 220 or MAT 221 recommended for students planning on graduate school/health professions. |
| MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>PSY 230: Introduction to Statistics | 3 hrs | Although not directly equivalent, these courses are accepted to meet STP 231 at ASU. Some Maricopa colleges require PSY 231 lab with PSY 230. If taken, the one credit lab can be applied to lower division electives. |
| **Humanities, Arts, and Design [HU]** | | |
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |
| **Social-Behavioral Science [SB]** | | |
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |
| **Natural Science [SQ, SG]** | | |
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |
| **General Education Awareness Areas [C, H, G]** | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biological Sciences (Biology and Society) BS degree program

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | COM 225 may be shared with [L]. COM 100, COM 110 or COM 230 may be shared with [SB]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4-5 hrs | |
| Lower Division Elective | 0-17 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Biological Sciences (Biomedical Sciences), BS Pathway**

**2021-2022**

ASU Major: Biological Sciences (Biomedical Sciences), BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | MAT 220 or MAT 221 is recommended for graduate school and health professions, and is required for the AS, Emphasis in Biological Sciences degree. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Students are encouraged to choose courses from more than one discipline for a total of six credit hours. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ASB 100: Introduction to Global Health | 3 hrs | Satisfies lower division Science and Society requirement. |
| Social-Behavioral Science [SB] | 3 hrs | Students are encouraged to choose courses from more than one discipline for a total of six credit hours. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by ASB 100. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biological Sciences (Biomedical Sciences) degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | COM 225 may be shared with [L]. COM 100, COM 110 or COM 230 may be shared with [SB]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II<br>Laboratory OR<br><br>CHM 152AA: General Chemistry II OR<br><br>CHM 154: General Chemistry II with<br>Qualitative Analysis and<br>CHM 154LL: General Chemistry II with<br>Qualitative Laboratory | 4-5 hrs | |
| CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistry Lab OR<br><br>CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I Laboratory and<br>CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry IIA Laboratory | 4-8 hrs | Pre-health students should take the two-semester sequence of organic chemistry (CHM 235/235LL and CHM 236/236LL) instead of CHM 230/230LL, prior to transferring to ASU.See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>PSY 230: Introduction to Statistics | 3 hrs | Although not directly equivalent, these courses are accepted to fulfill the STP 231 requirement at ASU. Some Maricopa colleges require PSY 231 lab with PSY 230. If taken, the one-credit lab can be applied to lower division electives. |
| PHY 101: Introduction to Physics OR<br><br>PHY 111: General Physics I and<br>PHY 112: General Physics II | 4-8 hrs | Pre-health students should take the two-semester sequence (PHY 111 and PHY 112) instead of PHY 101. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| Lower Division Elective | 0-11 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Biological Sciences (Conservation Biology and Ecology), BS Pathway**

**2021-2022**

ASU Major: Biological Sciences (Conservation Biology and Ecology), BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | MAT 220 or MAT 221 is recommended for graduate school and health professions, and is required for the AS, Emphasis in Biological Sciences degree. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |

Subject Options

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4-5 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biological Sciences (Conservation Biology and Ecology) BS degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | COM 225 may be shared with [L]. COM 100, COM 110 or COM 230 may be shared with [SB]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistry or<br>CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I Laboratory OR<br><br>GIS 205: Geographic Information Technologies OR<br><br>GIS 211: Geographic Information Science I OR<br><br>GLG 101: Introduction to Geology I and<br>GLG 103: Introduction to Geology I Lab OR<br><br>GPH 111: Introduction to Physical Geography or<br>GPH 113: Introduction to Physical Geography OR<br><br>PHY 101: Introduction to Physics or<br>PHY 111: General Physics I | 3-4 hrs | Pre-health students should select either PHY 111 or CHM 235 and CHM 235LL for the Physical Science Requirement Course. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| MAT 206: Elements of Statistics or<br>PSY 230: Introduction to Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | Although not directly equivalent, these courses are accepted to fulfill STP 231 at ASU. Some Maricopa colleges require PSY 231 lab with PSY 230. If taken, the one-credit lab can be applied to lower division electives. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Biological Sciences (Genetics, Cell and Developmental Biology), BS Pathway**

**2021-2022**

ASU Major: Biological Sciences (Genetics, Cell and Developmental Biology), BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | MAT 220 or MAT 221 is recommended for graduate school and health professions, and is required for the AS, Emphasis in Biological Sciences degree. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biological Sciences (Genetics, Cell and Developmental Biology) BS degree program.

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | COM 225 may be shared with [L]. COM 100, COM 110 or COM 230 may be shared with [SB]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistry OR<br><br>CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I L and<br>CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry IIA | 4-8 hrs | Pre-health students should take the two-semester sequence of organic chemistry (CHM 235/235LL and CHM 236/236LL) instead of CHM 230/230LL, prior to transferring to ASU. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| MAT 206: Elements of Statistics OR<br><br>SWU 225: Statistics for Social Research/Justice and Government OR<br><br>PSY 230: Introduction to Statistics | 3 hrs | Although not directly equivalent, these courses are accepted to meet STP 231 at ASU. Some Maricopa colleges require PSY 231 lab with PSY 230. If taken, the one-credit lab can be applied to lower division electives. |
| PHY 101: Introduction to Physics OR<br><br>PHY 111: General Physics I AND<br><br>PHY 112: General Physics | 4-8 hrs | Pre-health students should take the two-semester sequence (PHY 111 and PHY 112) instead of PHY 101. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| Lower Division Elective | 0-11 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

ASU Arizona State University

# Pathway Agreement

Print

**Maricopa Community College District**
**Biological Sciences (Neurobiology, Physiology and Behavior), BS Pathway**
**2021-2022**

ASU Major: Biological Sciences (Neurobiology, Physiology and Behavior), BS | College of Liberal Arts and Sciences

## Pathway Requirements

### First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

### Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | MAT 220 or MAT 221 is recommended for graduate school and health professions, and is required for the AS, Emphasis in Biological Sciences degree. |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |

### Subject Options

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 150AA: General Chemistry I or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |

## Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

## Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biological Sciences (Neurology, Physiology and Behavior) BS degree program.

| | | |
|---|---|---|
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br>CHM 152AA: General Chemistry II | 4 hrs | |

## General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

## MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 230: Small Group Communication or<br>COM 225: Public Speaking | 0-3 hrs | COM 225 may be shared with [L]. COM 100, COM 110 or COM 230 may be shared with [SB]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

## Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistry OR<br>CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I L and<br>CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry IIA | 4-8 hrs | Pre-health students should take the two-semester sequence (CHM 235/235LL and CHM 236/236LL) instead of CHM 230/230LL, prior to transferring to ASU. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>PSY 230: Introduction to Statistics | 3 hrs | Although not directly equivalent, these courses are accepted to satisfy the STP 231 requirement at ASU. Some Maricopa colleges require PSY 231 lab with PSY 230. If taken, the one-credit lab can be applied to lower division electives. |
| PHY 101: Introduction to Physics OR<br>PHY 111: General Physics I AND<br>PHY 112: General Physics | 4-8 hrs | Pre-health students should take the two-semester sequence (PHY 111 and PHY 112) instead of PHY 101. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| Lower Division Elective | 0-11 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Biology, BA Pathway**

**2021-2022**

ASU Major: Biology, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 187: Precalculus OR<br><br>MAT 150: College Algebra and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra or<br>MAT 182: Plane Trigonometry | 5-8 hrs | |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | Recommend taking MAT 206. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biology BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 150AA: General Chemistry I or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II or<br>CHM 154: GENERAL CHEMISTRY II WITH QUA and<br>CHM 154LL: GENERAL CHEMISTRY II WITH QU | 4-5 hrs | |
| CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistry OR<br><br>CHM 235: General Organic Chemistry I and<br>CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry IIA Laboratory and<br>CHM 235LL: General Organic Chemistry I Laboratory | 4-8 hrs | 8 credit sequence of CHM 235 and CHM 235LL and CHM 236 and CHM 236LL is recommended for pre-health students planning to apply to graduate school. |
| Cognate Requirement | 8 hrs | Select Set A or Set B. Set A: PHY 101 and GLG 101 and GLG 103 or Set B: PHY 111 and PHY 112. |
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Biology, BS Pathway**

**2021-2022**

ASU Major: Biology, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | MAT 220 or MAT 221 is recommended for graduate school and health professions, and is required for the AS, Emphasis in Biological Sciences degree. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biology, BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | COM 225 may be shared with [L]. COM 100, COM 110 or COM 230 may be shared with [SB]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II | 4 hrs | |
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I Laboratory | 4 hrs | |
| CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry IIA Laboratory or<br>CHM 238LL: General Organic Chemistry IIB Laboratory | 0-5 hrs | May be completed after transferring. |
| MAT 206: Elements of Statistics | 3 hrs | |
| PHY 111: General Physics I | 4 hrs | |
| PHY 112: General Physics II | 4 hrs | |
| Lower Division Elective | 0-7 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC 110 and [CSC 200 or CSC 205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional six credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Biology (Pharmacology/Toxicology), BS Pathway**

**2021-2022**

ASU Major: Biology (Pharmacology/Toxicology), BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biology (Pharmacology/Toxicology) BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | |
|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II OR<br><br>CHM 154: General Chemistry II with Qualitative Analysis and<br>CHM 154LL: General Chemistry II with Qualitative Laboratory | 4-5 hrs |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

| | | |
|---|---|---|
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | COM 225 may be shared with [L]. COM 100, COM 110 or COM 230 may be shared with [SB]. |

Additional Lower Division Requirements

| | |
|---|---|
| PHY 111: General Physics I or<br>PHY 111AA: General Physics I | 4-5 hrs |
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I Laboratory | 4 hrs |
| CHM 236: General Organic Chemistry IIA or<br>CHM 238: General Organic Chemistry IIB<br>AND<br><br>CHM 236LL: General Organic Chemistry IIA Laboratory or<br>CHM 238LL: General Organic Chemistry IIB Laboratory | 4-5 hrs |
| MAT 206: Elements of Statistics | 3 hrs |
| BIO 201: Human Anatomy and Physiology I<br>or<br>BIO 201XT: Human Anatomy and Physiology I | 4 hrs |
| BIO 202: Human Anatomy and Physiology II | 4 hrs |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**
**Biomedical Engineering, BSE Pathway**
**2021-2022**

ASU Major: Biomedical Engineering, BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

Engineering Core

| | | |
|---|---|---|
| ENG 101: First-Year Composition OR<br><br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition OR<br><br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | ECE 102 and ECE 103 will satisfy the BME 100 requirement at ASU. |
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| PHY 115: University Physics I or<br>PHY 121: University Physics I: Mechanics | 4-5 hrs | |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs | |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |
| Humanities, Arts, and Design and<br>AGEC Awareness Areas | 3 hrs | Take one course that satisfies Humanities and Fine Arts AND an Awareness Area requirement. |
| Social-Behavioral Science and<br>AGEC Awareness Areas | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Additional Lower Division Requirements

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Biomedical Engineering, BSE degree program.

A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better.

Engineering Core courses should be prioritized over Additional Lower Division Requirements.

Note: Only 64 credit hours are transferable to ASU from a community college.Completion of the Engineering Coreis the mostefficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additionalcourses required.

Students interested in completing the BSE Biomedical Engineering degree with two additional years at ASU, are highly encouraged to meet with an academic advisor in SBHSE one year prior to transferring to ASU. Due to the highly prescribed nature of the BME coursework, there are several factors that may affect your graduation timeline and should be discussed individually.

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4-5 hrs | |
| BIO 201: Human Anatomy and Physiology I<br>and<br>BIO 202: Human Anatomy and Physiology II | 8 hrs | |
| ECN 211: Macroeconomic Principles or<br>ECN 212: Microeconomic Principles | 0-3 hrs | May be completed after transfer to ASU. |
| EEE 202: Circuits and Devices | 5 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 64

# Pathway Agreement

Print

**Maricopa Community College District**

**Biophysics, BS Pathway**

**2021-2022**

ASU Major: Biophysics, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II | 4 hrs |

Subject Options

| | |
|---|---|
| PHY 121: University Physics I: Mechanics or<br>PHY 115: University Physics I | 4-5 hrs |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Physics degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biophysics BS degree program.

A GPA of 2.5 is required in tracked courses MAT 220 (or MAT 221), MAT 231, MAT241, PHY 121 (or PHY 115) and PHY 131 (or PHY 116).

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | COM 225 also meets Literacy and Critical Inquiry [L].<br><br>COM 100, COM 110 and COM 230 also meet Social-Behavioral Science [SB]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations AND<br><br>MAT 225: Elementary Linear Algebra | 0-7 hrs | (MAT 276 or MAT 277) and (MAT 225) will satisfy ASU PHY 201 requirement for Biophysics majors.<br><br>May be taken after transferring to ASU. |
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 0-4 hrs | PHY 241 will satisfy ASU PHY 252 requirement.<br><br>May be taken after transferring to ASU. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Biotechnology and Bioenterprise, BS Pathway**
**2021-2022**

ASU Major: Biotechnology and Bioenterprise, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 3-5 hrs | Focus Area determines MAT course: Biostatistics Focus Area complete MAT 220; Biotechnology or Bioentrepreneurship Focus Area complete MAT 212. |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biotechnology and Bioenterprise BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L | 4 hrs | |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA Laboratory | 4 hrs | |
| EPS 150: Introduction to Entrepreneurship | 3 hrs | Bioentrepreneurship Focus Area complete EPD 150; other Focus Areas may complete a general elective. |
| GBS 221: Business Statistics or MAT 206: Elements of Statistics or SWU 225: Statistics for Social Research/Justice and Government OR<br><br>MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | Focus Area determines STP/MAT course: Biostatistics Focus Area complete MAT 230; Biotechnology or Bioentrepreneurship Focus Area complete GBS 221 or MAT 206 or SWU 225. |
| PHY 101: Introduction to Physics or PHY 101AA: Introduction to Physics | 4-5 hrs | |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Business Administration), BA Pathway**
**2021-2022**

ASU Major: Business (Business Administration), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs |
| CIS 105: Survey of Computer Information Systems | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs |
| ECN 212: Microeconomic Principles | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree (ABUS-GR) and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Effective Fall 2013 ASU no longer requires submission of a current SAT Reasoning score or ACT score by the end of the first semester in the program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS 233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| GBS 205: Legal, Ethical, And Regulatory Issues in Business | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM 225 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Communication), BA Pathway**
**2021-2022**

ASU Major: Business (Communication), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree (ABUS-GR) and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

Effective Fall 2013 ASU no longer requires submission of a current SAT Reasoning score or ACT score by the end of the first semester in the program.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS 133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS 233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM 225 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Corporate Accounting), BA Pathway**
**2021-2022**

ASU Major: Business (Corporate Accounting), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| COM 225: Public Speaking | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs |
| CIS 105: Survey of Computer Information Systems | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs |
| ECN 212: Microeconomic Principles | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree (ABUS-GR) and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hours) from the following, in consultation with a Maricopa Advisor: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 230: Small Group Communication or<br>COM 259: Communication in Business and Professions | 0-3 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3 hrs | |
| PSY course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Food Industry Management), BA Pathway**
**2021-2022**

ASU Major: Business (Food Industry Management), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS 233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information<br>and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Global Agribusiness), BA Pathway**
**2021-2022**

ASU Major: Business (Global Agribusiness), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. BIO 100 is strongly recommended for students going into Global Agribusiness. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

MCCCD Additional Requirements

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS 233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Global Leadership), BA Pathway**
**2021-2022**

ASU Major: Business (Global Leadership), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS 233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, And Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Global Logistics Management), BA Pathway**
**2021-2022**

ASU Major: Business (Global Logistics Management), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Global Politics), BA Pathway**
**2021-2022**

ASU Major: Business (Global Politics), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS 233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Health Care), BA Pathway**
**2021-2022**

ASU Major: Business (Health Care), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | HCR 220 [H] is preferred. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, And Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Human Resources), BA Pathway**
**2021-2022**

ASU Major: Business (Human Resources), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Information Security), BA Pathway**
**2021-2022**

ASU Major: Business (Information Security), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or MAT 213: Brief Calculus OR MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Select a course that also fulfills Historical Awareness [H] |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| CIS 250: Management of Information Systems | 3 hrs | |
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, And Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Law), BA Pathway**
**2021-2022**

ASU Major: Business (Law), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**

**Business (Public Service and Public Policy), BA Pathway**

**2021-2022**

ASU Major: Business (Public Service and Public Policy), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Retail Management), BA Pathway**
**2021-2022**

ASU Major: Business (Retail Management), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| CIS 114DE: Excel Spreadsheet OR<br><br>CIS 133DA: Internet/Web Development Leve OR<br><br>CIS 162AD: C#: Level I OR<br><br>GBS 151: Introduction to Business OR<br><br>GBS 220: QUANTITATIVE METHODS IN BUSIN OR<br><br>GBS 233: Business Communication OR<br><br>GBS 110: HUMAN RELATIONS IN BUSINESS/I or<br>MGT 251: Human Relations in Business OR<br><br>IBS 101: Intro to International Business OR<br><br>MGT 253: OWNING & OPERATING A SMALL BU OR<br><br>MKT 271: Principles of Marketing OR<br><br>PAD 100: Course Title Not Available OR<br><br>REA 179: Real Estate Principles I OR<br><br>REA 180: Real Estate Principles II OR<br><br>SBU 200: Society and Business | 0-6 hrs | Select two courses (6 hours) in consultation with a Maricopa Advisor. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| GBS 205: Legal, Ethical, And Regulatory Issues in Business | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: Communication in Business and Professions | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Sports Business), BA Pathway**
**2021-2022**

ASU Major: Business (Sports Business), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Statistics), BA Pathway**
**2021-2022**

ASU Major: Business (Statistics), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information I and<br>ACC 240: Uses of Accounting Information II<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication OR<br><br>COM 259: Communication in Business and Professions | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

ASU Arizona State University

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Sustainability), BA Pathway**
**2021-2022**

ASU Major: Business (Sustainability), BA | W. P. Carey School of Business

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

## Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

## Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

## MCCCD Additional Requirements

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS 133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS 233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

## Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| SSH 111: Sustainable Cities | 3 hrs | |
| SUS 110: Sustainable World | 3 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Technology), BA Pathway**
**2021-2022**

ASU Major: Business (Technology), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business (Tourism), BA Pathway**
**2021-2022**

ASU Major: Business (Tourism), BA | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: Communication in Business and Professions | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business Data Analytics, BS Pathway**
**2021-2022**

ASU Major: Business Data Analytics, BS | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR | 3-4 hrs | |
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, Special Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| CIS 162AD: C#: Level I | 3 hrs | |
| CIS 250: Management INFORMATION SYSTEM | 3 hrs | |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: Communication in Business and Professions | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Business Entrepreneurship, BS Pathway**
**2021-2022**

ASU Major: Business Entrepreneurship, BS | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course (SB) | 3 hrs | MGT 320 (required for this major at ASU) requires a prerequisite of PSY 101 or SOC 101. |
| SOC Course (SB) | 3 hrs | MGT 320 (required for this major at ASU) requires a prerequisite of PSY 101 or SOC 101. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Chemical Engineering, BSE Pathway**
**2021-2022**

ASU Major: Chemical Engineering, BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

| | | |
|---|---|---|
| **Engineering Core** | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| ECE 102: Engineering Analysis Tools and Techniques or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design | 4 hrs | |
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 277: Modern Differential Equations or<br>MAT 276: Modern Differential Equations | 3-4 hrs | |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory | 4 hrs | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or<br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs | |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Additional Lower Division Requirements

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Chemical Engineering, BSE degree program.

A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better.

Engineering Core courses should be prioritized over Additional Lower Division Requirements.

Note: Only 64 credit hours are transferable to ASU from a community college.Completion of the Engineering Coreis the mostefficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additionalcourses required.

Note:Students interested in completing the BSE Chemical Engineering degree in two additional years at ASU, must complete CHE 211 and CHE 231 through concurrent enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480)965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

| | | | |
|---|---|---|---|
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I Laboratory | 4 hrs | | |
| CHM 236: General Organic Chemistry IIA | 3 hrs | | |
| MAT 225: Elementary Linear Algebra | | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should take MAT 225, CHM 235/235LL and CHM 236 before additional lower division requirements. |
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I or<br>BIO 182: General Biology (Majors) II or<br>BIO 201: Human Anatomy and Physiology I or<br>BIO 205: Microbiology or<br>BIO 220: Biology of Microorganisms or<br>ECE 111: Bioengineering Systems | 3-4 hrs | | |
| Humanities, Arts, and Design and AGEC Awareness Areas | | 0-3 hrs | Can be completed after transfer to ASU |
| Social-Behavioral Science and AGEC Awareness Areas | | 0-3 hrs | Can be completed after transfer to ASU |
| ECE 104: EPICS Gold I | | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Chemistry, BA Pathway**

**2021-2022**

ASU Major: Chemistry, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | |
|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II<br>Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Science degree and AGEC-S, meets major map requirements at ASU, and guarantees admission to the Chemistry BA degree program.

| | | |
|---|---|---|
| PHY 111: General Physics I | 4 hrs | |
| PHY 112: General Physics II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | COM 225 may also be used to satisfy Literacy and Critical Inquiry (L) general studies requirement. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I L | 4 hrs | |
| CHM 236: General Organic Chemistry IIA<br>and<br>CHM 236LL: General Organic Chemistry IIA | 4 hrs | |
| MAT 231: Calculus with Analytic Geometry II | 4 hrs | |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | May be completed after transfer to ASU. Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken.<br><br>Proficiency exams to test out of the second language requirement are available for select languages. More information can be found here: https://silc.asu.edu/student-life/academic-advising/placement-testing/placement-testing-undergraduates |
| Lower Division Elective | 0-10 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Chemistry, BS Pathway**

**2021-2022**

ASU Major: Chemistry, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | |
|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II<br>Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Chemistry degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Chemistry, BS degree program.

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | COM 225 may be used to satisfy Literacy and Critical Inquiry (L) general studies requirement. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I Laboratory | 4 hrs | |
| CHM 236: General Organic Chemistry IIA<br>and<br>CHM 236LL: General Organic Chemistry IIA | 4 hrs | |
| MAT 225: Elementary Linear Algebra | 3 hrs | An equivalent to CHM 240 is not offered at AZ Community Colleges. Some units of "elective" on ASU's Major Map will be satisfied by Linear Algebra and Differential Equations for the AZ community college student. |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | An equivalent to CHM 240 is not offered at AZ Community Colleges. Some units of "elective" on ASU's Major Map will be satisfied by Linear Algebra and Differential Equations for the AZ community college student. |
| PHY 115: University Physics I OR<br><br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4-5 hrs | |
| PHY 116: University Physics II OR<br><br>PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs | |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 64

# Pathway Agreement

Print

**Maricopa Community College District**
**Chemistry (Environmental Chemistry), BS Pathway**
**2021-2022**

ASU Major: Chemistry (Environmental Chemistry), BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | |
|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II<br>Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Chemistry degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Chemistry (Environmental Chemistry), BS degree program.

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

**General Education Awareness Areas [C, H, G]**

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**MCCCD Additional Requirements**

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

**Additional Lower Division Requirements**

| | | |
|---|---|---|
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I L | 4 hrs | |
| CHM 236: General Organic Chemistry IIA<br>and<br>CHM 236LL: General Organic Chemistry IIA | 4 hrs | |
| MAT 225: Elementary Linear Algebra | 3 hrs | An equivalent to CHM 240 is not offered at AZ Community Colleges. Some units of "elective" on ASU's Major Mapp will be satisfied by Linear Algebra and Differential Equations for the AZ community college student. |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | An equivalent to CHM 240 is not offered at AZ Community Colleges. Some units of "elective" on ASU's Major Mapp will be satisfied by Linear Algebra and Differential Equations for the AZ community college student. |
| PHY 115: University Physics I OR<br><br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism | 4 hrs | |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 64

# Pathway Agreement

Print

**Maricopa Community College District**
**Civil Engineering, BSE Pathway**
**2021-2022**

ASU Major: Civil Engineering, BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

| | | |
|---|---|---|
| Engineering Core | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| ECE 102: Engineering Analysis Tools and Techniques or<br>ECE 102AA: Engineering Analysis Tools and Techniques and<br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 231: Calculus with Analytic Geometry II<br>or<br>MAT 230: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 241: Calculus with Analytic Geometry III<br>or<br>MAT 240: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 277: Modern Differential Equations or<br>MAT 276: Modern Differential Equations | 3-4 hrs | |
| PHY 121: University Physics I: Mechanics or<br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs | |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |

Additional Lower Division Requirements

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Civil Engineering, BSE degree program.

A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better.

Engineering Core courses should be prioritized over Additional Lower Division Requirements.

Note: Only 64 credit hours are transferable to ASU from a community college.Completion of the Engineering Coreis the mostefficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additionalcourses required.

| | | |
|---|---|---|
| MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215, [CHM 230 or GLG 101 or BIO 181 or BIO 182] and [ECN 211 or ECN 212] before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| CHM 230: Fundamental Organic Chemistry OR<br><br>GLG 101: Introduction to Geology I - Physical Lecture OR<br><br>BIO 181: General Biology (Majors) I OR<br><br>BIO 182: General Biology (Majors) II | 3-4 hrs | Recommend completing BIO 181 or BIO 182. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamic | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECN 211: Macroeconomic Principles or<br>ECN 212: Microeconomic Principles | 3 hrs | |
| Lower Division Elective | 1 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 63

# Pathway Agreement

Print

**Maricopa Community College District**

**Civil Engineering (Sustainable Engineering), BSE Pathway**

**2021-2022**

ASU Major: Civil Engineering (Sustainable Engineering), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

| | | |
|---|---|---|
| Engineering Core | | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |
| ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | |
| ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 231: Calculus with Analytic Geometry II | 4 hrs | |
| MAT 241: Calculus with Analytic Geometry III | 4 hrs | |
| PHY 121: University Physics I: Mechanics or PHY 115: University Physics I | 4-5 hrs | |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II | 4-5 hrs | |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Additional Lower Division Requirements

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Civil Engineering (Sustainable Engineering) BSE degree program.

A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better.

Engineering Core courses should be prioritized over Additional Lower Division Requirements.

Note: Only 64 credit hours are transferable to ASU from a community college.Completion of the Engineering Coreis the mostefficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additionalcourses required.

| | | | |
|---|---|---|---|
| MAT 225: Elementary Linear Algebra | | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215 and ECN 211 before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | | |
| ECE 212: Engineering Mechanics-Dynamic | 3 hrs | | |
| ECE 215: Mechanics of Materials | 3 hrs | | |
| ECN 211: Macroeconomic Principles or<br>ECN 212: Microeconomic Principles | 3 hrs | | |
| CHM 230: Fundamental Organic Chemistry or<br>GLG 101: Introduction to Geology I - Physical Lecture or<br>BIO 181: General Biology (Majors) I or<br>BIO 182: General Biology (Majors) II | | 3-4 hrs | Recommend completing GLG 101 |
| ECE 104: EPICS Gold I | | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 65

# Pathway Agreement

Print

**Maricopa Community College District**

**Communication, BA Pathway**

**2021-2022**

ASU Major: Communication, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Consider selecting COM/THP 241, depending on your preferred areas of interest. See major map at https://webapp4.asu.edu/programs/t5/roadmaps/ASU00/LACOMBA/null/ALL/2021 for areas of emphasis. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication | 3 hrs | |
| COM 110: Interpersonal Communication | 3 hrs | Required for the Associate in Arts, Emphasis in Communication. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by COM 263. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by COM 263. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Communication degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Communication, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 100, COM 110, COM 225, or COM 230. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| COM 207: Introduction to Communication Inquiry | 3 hrs | |
| COM 230: Small Group Communication | 3 hrs | Required for the Associate in Arts, Emphasis in Communication. |
| COM 263: Elements of Intercultural Communication | 3 hrs | Required for the Associate in Arts, Emphasis in Communication. |
| Lower Division Elective | 0-16 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Communication, BA Pathway**
**2021-2022**

ASU Major: Communication, BA | College of Liberal Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Consider selecting COM/THP 241, depending on your preferred areas of interest. See major map at https://webapp4.asu.edu/programs/t5/roadmaps/ASU00/LACOMBA/null/ALL/2021 for areas of emphasis. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication | 3 hrs | |
| COM 110: Interpersonal Communicatio | 3 hrs | Also required for the Associate in Arts, Emphasis in Communication. |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by COM 263. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by COM 263. |

### MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts,Emphasis in Communication degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Communication,BA degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking | 0 hrs | Satisfied by required courses. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| COM 207: Introduction to Communication Inquiry | 3 hrs | |
| COM 230: Small Group Communication | 3 hrs | Required for the Associate in Arts, Emphasis in Communication. |
| COM 263: Elements of Intercultural Communication | 3 hrs | Required for the Associate in Arts, Emphasis in Communication. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. Consider selecting COM 250, depending on your preferred areas of interest. See major map at https://webapp4.asu.edu/programs/t5/roadmaps/ASU00/LACOMBA/null/ALL/2021 for areas of emphasis. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Communication, BA Pathway**

**2021-2022**

ASU Major: Communication, BA | College of Integrative Sciences and Arts

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>or any approved general education course in the Mathematical Applications [MA] area. | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Consider selecting COM/THP 241, depending on your preferred areas of interest. See major map at https://webapp4.asu.edu/programs/t5/roadmaps/ASU00/LACOMBA/null/ALL/2021 for areas of emphasis. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication | 3 hrs | |
| COM 110: Interpersonal Communication | 3 hrs | Also required for the Associate in Arts, Emphasis in Communication. |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by COM 263. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by COM 263. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts,Emphasis in Communication degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Communication,BAdegree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| COM 207: Introduction to Communication Inquiry | 3 hrs | |
| COM 230: Small Group Communication | 3 hrs | Required for the Associate in Arts, Emphasis in Communication. |
| COM 263: Elements of Intercultural Communication | 3 hrs | Required for Associate in Arts, Emphasis in Communication. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach fourth semester proficiency, OR, complete COM 371 at ASU after transferring, in combination with COM 263 prior to transferring, to meet this requirement. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Communication, BS Pathway**

**2021-2022**

ASU Major: Communication, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

| | | |
|---|---|---|
| **First Year Composition [FYC]** | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| **Literacy and Critical Inquiry [L]** | | |
| COM 225: Public Speaking | 3 hrs | |
| **Mathematical Studies [MA, CS]** | | |
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>PSY 230: Introduction to Statistics | 3 hrs | Some MCCCD colleges require PSY 231 with PSY 230. If taken, the one credit from the lab can be applied to electives. |
| **Humanities, Arts, and Design [HU]** | | |
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |
| **Social-Behavioral Science [SB]** | | |
| COM 100: Introduction to Human Communication | 3 hrs | |
| COM 110: Interpersonal Communication | 3 hrs | Also required for Associate in Arts, Emphasis in Communication. |
| **Natural Science [SQ, SG]** | | |
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |
| **General Education Awareness Areas [C, H, G]** | | |
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by COM 263. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by COM 263. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Communication degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Communication,BSdegree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by required courses. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| COM 207: Introduction to Communication Inquiry | 3 hrs | |
| COM 230: Small Group Communication | 3 hrs | Required for the Associate in Arts, Emphasis in Communication. |
| COM 263: Elements of Intercultural Communication | 3 hrs | Required for the Associate in Arts, Emphasis in Communication. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC 110 and [CSC 200 or CSC 205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Communication, BS Pathway**
**2021-2022**

ASU Major: Communication, BS | College of Liberal Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Consider selecting COM/THP 241, depending on your preferred areas of interest. See major map at https://webapp4.asu.edu/programs/t5/roadmaps/ASU00/LACOMBA/null/ALL/2021 for areas of emphasis. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication | 3 hrs | |
| COM 110: Interpersonal Communication | 3 hrs | Also required for the Associate in Arts, Emphasis in Communication degree. |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by COM 263. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by COM 263. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Communication degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Communication, BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by required courses. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| COM 207: Intro to COMMUNICATION INQUIRY | 3 hrs | |
| COM 230: Small Group Communication | 3 hrs | Required for the Associate in Arts, Emphasis in Communication. |
| COM 263: Elements of Intercultural Communication | 3 hrs | Required for the Associate in Arts, Emphasis in Communication. |
| Lower Division Elective | 5-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Community Advocacy and Social Policy, BA Pathway**

**2021-2022**

ASU Major: Community Advocacy and Social Policy, BA | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis [CS] | 3 hrs | Recommend a statistics course |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| SWU 183: Introductory Ethics: A Social Service Perspective OR<br><br>PHI 101: Introduction to Philosophy or<br>PHI 102: Introduction to Philosophy or<br>PHI 105: Introduction to Ethics | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| SWU 182: A Social Services Perspective of Government OR<br><br>POS 110: American National Government | 3 hrs | |
| PSY 101: Introduction to Psychology or<br>SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | Recommend BIO 156 or BIO 160 or BIO 201. |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Community Advocacy and Social Policy, BA degree program.

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Historical Awareness [H] met by SWU 171. |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare | 3 hrs | | |
| SWU 181: Economics: A Social Issues Perspective OR<br><br>ECN 211: Macroeconomic Principles | 3 hrs | | |
| SWU 250: Mindfulness for Stress Management | | 3 hrs | Satisfies ASU's Social Problems and Interventions requirement. |
| SWU 291: Social Service Delivery Systems | 3 hrs | | |
| Public Service Interdisciplinary Requirement | | 6 hrs | Students can choose courses from any of the three Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from two different groups. Courses from this requirement may be used to fulfill any qualifying AGEC requirements simultaneously. |
| Lower Division Elective | | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

Public Service Interdisciplinary Requirement

| Public Service Interdisciplinary Requirement | |
|---|---|
| AJS 212: Juvenile Justice Procedures or<br>AJS 225: Criminology or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations | Public Service Interdisciplinary Requirement-Area 1 |
| **Public Service Interdisciplinary Requirement** | |
| PAD 100: 21st Century Public Policy and Service or<br>PAD 200: Public Affairs Economics | Public Service Interdisciplinary Requirement-Area 2 |
| **Public Service Interdisciplinary Requirement** | |
| REC 120: Leisure and the Quality of Life or<br>HRM 160: Tourism Principles And Practices | Public Service Interdisciplinary Requirement-Area 3 |

# Pathway Agreement

Print

**Maricopa Community College District**
**Community Development, BA Pathway**
**2021-2022**

ASU Major: Community Development, BA | Watts College of Public Service & Community Solut

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | COM 225 can fulfill this requirement. |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis [CS] | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | Recommend BIO 156, BIO 160, or BIO 201. |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 3 hrs | |

### MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Community Development, BA degree program.

| | | |
|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Community Development Interdisciplinary Requirement | 6 hrs | Students can choose courses from any of the three Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

## Track/Groups

Community Development Interdisciplinary Requirement

| Community Development Interdisciplinary Requirement | | |
|---|---|---|
| AJS 101: Introduction to Criminal Justice or<br>AJS 113: Criminal Justice Crime Control Policies and Practices or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 230: The Police Function or<br>AJS 240: The Correction Function or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations | Community Development Interdisciplinary Requirement-Area 1 | Community Development Interdisciplinary Requirement |
| PAD 100: 21st Century Public Policy and Service or<br>PAD 200: Public Affairs Economics | Community Development Interdisciplinary Requirement-Area 2 | Community Development Interdisciplinary Requirement |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare or<br>SWU 181: Economics: A Social Issues Perspective or<br>SWU 182: A Social Services Perspective of Government or<br>SWU 183: Introductory Ethics: A Social Service Perspective or<br>CPD 102AH: Stress Management or<br>SWU 250: Mindfulness for Stress Management | Community Development Interdisciplinary Requirement-Area 3 | |

# Pathway Agreement

Print

**Maricopa Community College District**
**Community Health, BS Pathway**
**2021-2022**

ASU Major: Community Health, BS | College of Nursing and Health Innovation

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review | 3-6 hrs | Or higher level course that meets [MA] requirement |
| PSY 230: Introduction to Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| HCR 210: Clinical Health Care Ethics | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| CFS 205: Human Development or<br>PSY 240: Developmental Psychology | 3 hrs | |
| PSY 101: Introduction to Psychology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 201: Human Anatomy and Physiology | 4 hrs | |
| CHM 130: Fundamental Chemistry and<br>CHM 130LL: Fundamental Chemistry Laborat OR<br><br>CHM 130AA: Fundamental Chemistry with Lab | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by HCR 230. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HCR 220. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Community Health BS degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 202: Human Anatomy and Physiology | 4 hrs | |
| BIO 205: Microbiology | 4 hrs | |
| FON 241: Principles of Human Nutrition | 3 hrs | |
| HCR 220: Introduction to Nursing and Health Care Systems | 3 hrs | |
| HCR 230: Culture and Health | 3 hrs | |
| HCR 240: Human Pathophysiology | 4 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |
| Lower Division Elective | 0-1 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Community Sports Management, BS Pathway**
**2021-2022**

ASU Major: Community Sports Management, BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | Meets MCCCD Additional Communication Requirement. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| REC 120: Leisure and the Quality of Life | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Historical Awareness [H] satisfied by SWU 171. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Community Sports Management BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| AJS 101: Introduction To Criminal Just or<br>AJS 270: Community Relations | 3 hrs | |
| EXS 150: Introduction to Sports Management | 3 hrs | |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: Programming of Recreation Services | 3 hrs | |
| SWU 171: Introduction to Social Welfare or<br>SWU 181: Economics: A Social Issues Perspective or<br>SWU 182: A Social Services Perspective of Government or<br>SWU 183: Introductory Ethics: A Social Service Perspective or<br>SWU 250: Mindfulness for Stress Management or<br>BHS 150: Introduction to Behavioral Health and Social Services | 3 hrs | Select one of the indicated courses. |
| Lower Division Elective | 0-10 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Community Sports Management (Events), BS Pathway**
**2021-2022**

ASU Major: Community Sports Management (Events), BS | Watts College of Public Service & Community Solut

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | Meets MCCCD Additional Communication Requirement. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| REC 120: Leisure and the Quality of Life | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Historical Awareness [H] satisfied by SWU 171. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Community Sports Management (Events) BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| AJS 101: Introduction To Criminal Just or<br>AJS 109: Substantive Criminal Law or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 225: Criminology or<br>AJS 270: Community Relations | 3 hrs | Select one of the indicated courses. |
| EXS 150: Introduction to Sports Management | 3 hrs | |
| HRM 145: Events Management | 3 hrs | |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: Programming of Recreation Services | 3 hrs | |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |
| SWU 171: Introduction to Social Welfare or<br>SWU 181: Economics: A Social Issues Perspective or<br>SWU 182: A Social Services Perspective of Government or<br>SWU 183: Introductory Ethics: A Social Service Perspective or<br>SWU 250: Mindfulness for Stress Management or<br>BHS 150: Introduction to Behavioral Health and Social Services | 3 hrs | Select one of the indicated courses. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Computational Forensics, BS Pathway**
**2021-2022**

ASU Major: Computational Forensics, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4-8 hrs |
| BIO 182: General Biology (Majors) II | 4 hrs |

Subject Options

| | |
|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Science degree and AGEC-S, meets major map requirements at ASU, and guarantees admission to the Computational Forensics BS degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CIS 163AA: Java Programming: Level I or<br>CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 3-4 hrs | |
| CSC 200: Principles of Computer Science (Java) or<br>CSC 200AA: Principles of Computer Science (Java) or<br>CSC 200AB: Principles of Computer Science (Java) or<br>CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures or<br>CSC 205AC: Object Oriented Programming and Data Structures or<br>CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs | |
| CSC 210: Data Structures and Algorithms (Java) or<br>CSC 210AA: Data Structures and Algorithms (Java) or<br>CSC 210AB: Data Structures and Algorithms (Java) | 3-4 hrs | |
| CSC 240: Introduction to Different Programming Languages or<br>CSC 240AA: Introduction to Different Programming Languages | 3-4 hrs | |
| FOR 105: Forensic Science: Physical Evidence | 4 hrs | |
| FOR 106: Forensic Science: Biological Evidence | 4 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**
**Computational Mathematical Sciences, BS Pathway**
**2021-2022**

ASU Major: Computational Mathematical Sciences, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |
| CSC 110: Introduction to Computer Science<br>or<br>CSC 110AA: Introduction to Computer Science<br>or<br>CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Humanities [HU] PHI 103 recommended, but not required, for meeting HU requirement. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU, and guarantees admission to the Computational Mathematical Sciences BS degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. 3.0 cumulative GPA in tracking courses CSC 110, CSC 205, MAT 221, MAT 231, MAT 241. Each of these courses must be completed with a grade of "B" or better.

| | | |
|---|---|---|
| AST 111: Introduction to Solar System Astronomy and<br>AST 113: Introduction to Solar System Astronomy Laboratory OR<br><br>BIO 181: General Biology (Majors) I OR<br><br>CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR<br><br>GLG 101: Introduction to Geology I - Physical Lecture and<br>GLG 103: Introduction to Geology I - Physical Lab or<br>GLG 101IN: Introduction to Geology I - Physical | 4-5 hrs | Complete a two-semester sequence lecture/lab combination. The same prefix must be selected for both Natural Science requirements. |
| AST 112: Introduction to Stars, Galaxies, and Cosmology and<br>AST 114: Intro to Stars, Galaxies, & Cosmology Laboratory OR<br><br>BIO 182: General Biology (Majors) II OR<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II OR<br><br>PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism OR<br><br>GLG 102: Intro to GEOLOGY II-HISTORICAL LECTR and<br>GLG 104: Intro to GEOLOGY II-HISTORICAL LAB or<br>GLG 102IN: Introduction to Geology II - Historical | 4-5 hrs | Complete a two-semester sequence lecture/lab combination. The same prefix must be selected for both Natural Science requirements. |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | COM 225 recommended, but not required, can satisfy Literacy and Critical Inquiry (L). |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures or<br>CSC 205AC: Object Oriented Programming and Data Structures or<br>CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs | |
| CSC 240: Introduction to Different Pro or<br>CSC 240AA: Introduction to Different Pro | 3-4 hrs | |
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| Lower Division Science Sequence Course and SQ or SG Natural Science | 8 hrs | Another one-year sequence of natural science is required for the major. Select courses that transfer as equivalencies to the track courses listed on the major map: https://webapp4.asu.edu/programs/t5/roadmaps/ASU00/LACMSBS/null/ALL/2019 |
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 64

# Pathway Agreement

Print

**Maricopa Community College District**
**Computer Information Systems, BS Pathway**
**2021-2022**

ASU Major: Computer Information Systems, BS | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, Special Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | | |
|---|---|---|---|
| CIS 162AD: C#: Level I | 3 hrs | | |
| CIS 250: Management INFORMATION SYSTEM | 3 hrs | | |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | | |
| GBS 221: Business Statistics | 3 hrs | | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | | |
| PSY Course | | 3 hrs | Select a course that transfers to ASU with the PSY prefix and [SB] designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | | 3 hrs | Select a course that transfers to ASU with the SOC prefix and [SB] designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Computer Science, BS Pathway**
**2021-2022**

ASU Major: Computer Science, BS | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities, Arts, and Design, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Computer Science degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Computer Science,BS degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Computer Science BS program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A total of 64 credit hours will transfer to Arizona State University.

| | | |
|---|---|---|
| CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I OR<br><br>PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR<br><br>BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I OR<br><br>GLG 101IN: Introduction to Geology I- Physical or<br>GLG 101: Introduction to Geology I - Physical Lecture and<br>GLG 103: Introduction to Geology I - Physical Lab | 4-5 hrs | Select a Chemistry, Physics, Biology, or Geology sequence. For both Natural Science requirements, select from the same subject area or discipline. |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II OR<br><br>PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism OR<br><br>BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II OR<br><br>GLG 102IN: Introduction to Geology II - Historical or<br>GLG 102: Introduction to Geology II - Historical Lecture and<br>GLG 104: Introduction to Geology II - Historical Lab | 4-5 hrs | Select a Chemistry, Physics, Biology, or Geology sequence. For both Natural Science requirements, select from the same subject area or discipline. |

## Subject Options

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

## General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

## MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

## Engineering Core

| | | |
|---|---|---|
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools an AND<br><br>ECE 103: Engineering Problem Solving a or<br>ECE 103AB: Engineering Problem Solving a or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| CSC 110: Introduction to Computer Science or<br>CSC 110AA: Introduction to Computer Science or<br>CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs | |
| CSC 120: Digital Design Fundamentals or<br>EEE 120: Digital Design Fundamentals | 4 hrs | |

| | | |
|---|---|---|
| CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures or<br>CSC 205AC: Object Oriented Programming and Data Structures or<br>CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs | |
| CSC 230: Computer Organization and Assembly Language or<br>EEE 230: Computer Organization and Assembly Language | 4 hrs | |
| CSC 240: Introduction to Different Pro or<br>CSC 240AA: Introduction to Different Programming Languages | 3-4 hrs | |

Additional Lower Division Requirements

| | | |
|---|---|---|
| MAT 227: Discrete Mathematical Structures | 3 hrs | |
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I OR<br><br>CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I OR<br><br>GLG 101IN: Introduction to Geology I - Physical or<br>GLG 101: Introduction to Geology I - Physical Lecture and<br>GLG 103: Introduction to Geology I - Physical Lab OR<br><br>PHY 115: University Physics I or<br>PHY 121: University Physics I: Mechanics | 4-5 hrs | Additional Lab Science requirement: select a course not already used in the Natural Science [SQ, SG] sections above.<br><br>Refer to CIDSE for Lab Science course requirements: http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/computer-science-bs/degreerequireme |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 66

# Pathway Agreement

Print

**Maricopa Community College District**
**Computer Science (Cybersecurity), BS Pathway**
**2021-2022**

ASU Major: Computer Science (Cybersecurity), BS | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies L (Literacy & Critical Inquiry) and SB (Social-Behavioral Sciences) OR L (Literacy & Critical Inquiry) and HU (Humanities & Fine Arts), OR L (Literacy & Critical Inquiry) and COM, or L (Literacy & Critical Inquiry) and CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate of Science,Emphasis in Computer Science degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Computer Science (Cybersecurity), BS degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Computer Science (Cybersecurity) BS program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A total of 64 credit hours will transfer to Arizona State University.

| | | |
|---|---|---|
| PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR<br><br>BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I or<br>CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>GLG 101IN: Introduction to Geology I - Physical or<br>GLG 101: Introduction to Geology I - Physical Lecture and<br>GLG 103: Introduction to Geology I - Physical Lab | 4-5 hrs | Select a Physics, Biology, Chemistry, or Geology sequence. For both Natural Science requirements, select from the same subject area or discipline. |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism OR<br><br>BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II OR<br><br>CHM 152AA: General Chemistry II or<br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>GLG 102IN: Introduction to Geology II - Historical or<br>GLG 102: Introduction to Geology II - Historical Lecture and<br>GLG 104: Introduction to Geology II - Historical Lab | 4-5 hrs | Select a Physics, Biology, Chemistry, or Geology sequence. For both Natural Science requirements, select from the same subject area or discipline. |

## Subject Options

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

## General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

## MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

## Engineering Core

| | | |
|---|---|---|
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools an AND<br><br>ECE 103: Engineering Problem Solving a or<br>ECE 103AB: Engineering Problem Solving a or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| CSC 110: Introduction to Computer Science or<br>CSC 110AA: Introduction to Computer Science or<br>CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs | |
| CSC 120: Digital Design Fundamentals or<br>EEE 120: Digital Design Fundamentals | 4 hrs | |

| | | |
|---|---|---|
| CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures or<br>CSC 205AC: Object Oriented Programming and Data Structures or<br>CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs | |
| CSC 240: Introduction to Different Pro or<br>CSC 240AA: Introduction to Different Programming Languages | 3-4 hrs | |
| CSC 230: Computer Organization and Assembly Language or<br>EEE 230: Computer Organization and Assembly Language | 4 hrs | |

Additional Lower Division Requirements

| | | |
|---|---|---|
| MAT 227: Discrete Mathematical Structures | 3 hrs | |
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I OR<br><br>CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I OR<br><br>GLG 101IN: Introduction to Geology I - Physical OR<br><br>GLG 101: Introduction to Geology I - Physical Lecture and<br>GLG 103: Introduction to Geology I - Physical Lab OR<br><br>PHY 115: University Physics I or<br>PHY 121: University Physics I: Mechanics | 4-5 hrs | Additional Lab Science requirement: select a course not already used in the Natural Science [SQ, SG] sections above.<br><br>Refer to CIDSE for Lab Science course requirements: http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/computer-science-bs/degreerequireme |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 66

# Pathway Agreement

Print

**Maricopa Community College District**

**Computer Science (Software Engineering), BS Pathway**

**2021-2022**

ASU Major: Computer Science (Software Engineering), BS | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies L (Literacy & Critical Inquiry) and SB (Social-Behavioral Sciences), OR L (Literacy & Critical Inquiry) and HU (Humanities & Fine Arts), OR L (Literacy & Critical Inquiry) and COM, or L (Literacy & Critical Inquiry) and CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science,Emphasis in Computer Science degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Computer Science (Software Engineering), BS degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Computer Science (Software Engineering) BS program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A total of 64 credit hours will transfer to Arizona State University.

| | | |
|---|---|---|
| CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I OR<br><br>PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR<br><br>BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I OR<br><br>GLG 101IN: Introduction to Geology I - Physical or<br>GLG 101: Introduction to Geology I - Physical Lecture and<br>GLG 103: Introduction to Geology I - Physical Lab | 4-5 hrs | Select a Chemistry, Physics, Biology, or Geology sequence. For both Natural Science requirements, select from the same subject area or discipline. |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II OR<br><br>PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism OR<br><br>BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II OR<br><br>GLG 102IN: Introduction to Geology II - Historical or<br>GLG 102: Introduction to Geology II - Historical Lecture and<br>GLG 104: Introduction to Geology II - Historical Lab | 4-5 hrs | Select a Chemistry, Physics, Biology, or Geology sequence. For both Natural Science requirements, select from the same subject area or discipline. |

## Subject Options

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

## General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

## MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

## Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I OR<br><br>CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I or<br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I OR<br><br>GLG 101IN: Introduction to Geology I or<br>GLG 101: Introduction to Geology I - Physical Lecture and<br>GLG 103: Introduction to Geology I - Physical Lab OR<br><br>PHY 115: University Physics I or<br>PHY 121: University Physics I: Mechanics | 0-5 hrs | Additional Lab Science requirement: select a course not already used in the Natural Science [SQ, SG] sections above.<br><br>Refer to CIDSE for Lab Science course requirements: http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/computer-science-bs/degreerequireme |
| CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures or<br>CSC 205AC: Object Oriented Programming and Data Structures or<br>CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs | |

| | | | |
|---|---|---|---|
| CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 3-4 hrs | | |
| CSC 120: Digital Design Fundamentals or<br>EEE 120: Digital Design Fundamentals | 4 hrs | | |
| CSC 240: Introduction to Different Programming Languages or<br>CSC 240AA: Introduction to Different Programming Languages | 3-4 hrs | | |
| ECE 102: Engineering Analysis Tools and Techniques or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| EEE 230: Computer Organization and Assembly Language or<br>CSC 230: Computer Organization and Assembly Language | 4 hrs | | |
| MAT 227: Discrete Mathematical Structures | 3 hrs | | |
| ECE 104: EPICS Gold I | | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Computer Systems Engineering, BSE Pathway**
**2021-2022**

ASU Major: Computer Systems Engineering, BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

Engineering Core

| | | |
|---|---|---|
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ENG 101: First-Year Composition OR<br><br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition OR<br><br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3 hrs | |
| PHY 121: University Physics I: Mechanics | 4 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism | 4 hrs | |
| Humanities, Arts, and Design [HU] and<br>General Education Awareness Areas [C, H, G] | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and<br>General Education Awareness Areas [C, H, G] | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| EEE 202: Circuits and Devices | 5 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete EEE 202, MAT 227, CSC 110, CSC 120, CSC 205, CSC 220 or CSC 240 and CSC 230 before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>BIO 181: General Biology (Majors) I OR<br><br>BIO 182: General Biology (Majors) II | 0-4 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Computer Systems Engineering BSE degree program.

A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better.

Engineering Core courses should be prioritized over Additional Lower Division Requirements.

Note: Only 64 credit hours are transferable to ASU from a community college.Completion of the Engineering Coreis the mostefficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additionalcourses required.

| | | |
|---|---|---|
| CSC 110: Introduction to Computer Science or<br>CSC 110AA: Introduction to Computer Science or<br>CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs | |
| CSC 120: Digital Design Fundamentals or<br>EEE 120: Digital Design Fundamentals | 4 hrs | |
| CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures | 3-4 hrs | |
| CSC 220: Programming for Computer Engineers or<br>EEE 220: Programming for Computer Engineering or<br>CSC 240: Introduction to Different Programming Languages or<br>CSC 240AA: Introduction to Different Programming Languages | 3 hrs | |
| CSC 230: COMPUTER ORG & ASSEMBLY LANGUAGE or<br>EEE 230: COMPUTER ORG and ASSEMBLY LANGUAGE | 4 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs | MAT 227, CSC 110, CSC 120, CSC 205, CSC 220 and CSC 230 must be taken before other elective options. |
| Humanities, Arts, and Design [HU] and General Education Awareness Areas [C, H, G] | 0-3 hrs | Students should try to cover all awareness areas with their four HU/SB courses. |
| Social-Behavioral Science [SB] and General Education Awareness Areas [C, H, G] | 0-3 hrs | Students should try to cover all awareness areas with their four HU/SB courses. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 64

# Pathway Agreement

Print

**Maricopa Community College District**

**Computer Systems Engineering (Cybersecurity), BSE Pathway**

**2021-2022**

ASU Major: Computer Systems Engineering (Cybersecurity), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

### Engineering Core

| | | |
|---|---|---|
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both classes to get credit for both. |
| ENG 101: First-Year Composition OR<br><br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition OR<br><br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism | 4 hrs | |
| Humanities, Arts, and Design [HU] and General Education Awareness Areas [C, H, G] | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and General Education Awareness Areas [C, H, G] | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| EEE 202: Circuits and Devices | 5 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete EEE 202, MAT 227, CSC 110, CSC 120, CSC 205, CSC 220 and CSC 230 before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>BIO 181: General Biology (Majors) I OR<br><br>BIO 182: General Biology (Majors) II | 0-4 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Computer Systems Engineering (Cybersecurity) BSE degree program.

A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better.

Engineering Core courses should be prioritized over Additional Lower Division Requirements.

Note: Only 64 credit hours are transferable to ASU from a community college.Completion of the Engineering Coreis the mostefficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additionalcourses required.

| | | |
|---|---|---|
| CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs | |
| CSC 120: Digital Design Fundamentals | 4 hrs | |
| CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures | 3-4 hrs | |
| CSC 220: Programming for Computer Engineers or<br>EEE 220: PROGRAMMING for COMPUTER ENGINEERING | 3 hrs | |
| CSC 230: COMPUTER ORG & ASSEMBLY LANGUAGE | 4 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs | MAT 227, CSC 110, CSC 120, CSC 205, CSC 220 and CSC 230 must be taken before other elective options |
| Humanities, Arts, and Design [HU] and General Education Awareness Areas [C, H, G] | 0-3 hrs | Students should try to cover Cultural, Global, and Historical awareness areas within all of their HU/SB Courses. |
| Social-Behavioral Science [SB] and General Education Awareness Areas [C, H, G] | 0-3 hrs | Students should try to cover Cultural, Global, and Historical awareness areas within all of their HU/SB Courses. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 64

# Pathway Agreement

Print

**Maricopa Community College District**
**Conflict Resolution, BA Pathway**
**2021-2022**

ASU Major: Conflict Resolution, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend POS 115, which can be also used to fulfill 3 credit hours of Politics and Social Problems Focus Area OR Communication and Ethics Focus Area. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication | 3 hrs | |
| COM 230: Small Group Communication | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend COM 163, which can also be used to fulfill 3 credit hours of Interpersonal Dynamics Focus Area. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend POS 125, which can be also used to fulfill 3 credit hours of Global Awareness Focus Area. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Conflict Resolution BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 100. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Focus Area Courses | 0-6 hrs | Students will choose two Focus Areas from which up to six credit hours can be taken at the community college. Focus Areas include: Communication and Ethics; Global Awareness; Interpersonal Dynamics; or Politics and Social Problems. Courses cannot be used to fulfill multiple Focus Area requirements. Courses may be taken after transfer. |
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

## Track/Groups

Focus Area Courses

| Focus Area Courses | |
|---|---|
| COM 163: Intercultural Communication in Everyday Life or<br>COM 263: ELEMENTS OF INTERCULTURAL COMM | Interpersonal Dynamics Focus Area |
| **Focus Area Courses** | |
| POS 115: Issues in American Politics | Politics and Social Problems Focus Area OR Communication and Ethics Focus Area |
| **Focus Area Courses** | |
| POS 125: Issues in World Politics | Global Awareness and Historical Context Focus Area |
| **Focus Area Courses** | |
| SOC 241: Race and Ethnic Relations | Politics and Social Problems Focus Area |
| **Focus Area Courses** | |
| SOC 251: Social Problems | Politics and Social Problems Focus Area |

# Pathway Agreement

Print

**Maricopa Community College District**
**Construction Engineering, BSE Pathway**
**2021-2022**

ASU Major: Construction Engineering, BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

| | | |
|---|---|---|
| Engineering Core | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | |
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or<br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs | |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. CON 101 is suggested for [HU] and [H]. |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Construction Engineering BSE degree program.

A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better.

Engineering Core courses should be prioritized over Additional Lower Division Requirements.

Note: Only 64 credit hours are transferable to ASU from a community college.Completion of the Engineering Coreis the mostefficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additionalcourses required.

Additional Lower Division Requirements

| | | |
|---|---|---|
| MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215 and ECN 211 or ECN 212 before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamic | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECN 211: Macroeconomic Principles or<br>ECN 212: Microeconomic Principles | 3 hrs | |
| ECE 111: Bioengineering Systems or<br>GLG 101: Introduction to Geology I - Physical Lecture or<br>BIO 181: General Biology (Majors) I or<br>BIO 182: General Biology (Majors) II | 3-4 hrs | |
| CON 271: Construction Safety | 3 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 73

# Pathway Agreement

Print

**Maricopa Community College District**
**Construction Management and Technology, BS Pathway**
**2021-2022**

ASU Major: Construction Management and Technology, BS | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| COM 225: Public Speaking | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus | 5-9 hrs |
| MAT 206: Elements of Statistics | 3 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| CON 101: Construction and Culture | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | Select one course that fulfills both Humanities, Arts, and Design [HU] and Cultural Diversity in the U.S. [C]. |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs |
| ECN 212: Microeconomic Principles | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 111: General Physics I | 4 hrs | |
| Natural Science [SQ] | 4 hrs | Select another SQ within the Natural Science requirement. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate of Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Construction Management BS degree program.

Minimum transfer GPA of 3.00 **and** no high school math or science competency deficiencies. OR Minimum transfer GPA of 2.50, **and** Minimum GPA of 2.75 in all ASU Tracking courses (refer to major map for Critical Courses), **and**nohigh school math or science competency deficiencies.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits.

All courses must be completed with a grade of "C" or better.

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by CON 101. |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| CON 100: Introduction to Construction | 3 hrs | |
| CET 211: Strength of Materials or<br>CON 223: Strength of Materials | 3 hrs | |
| CON 221: Applied Statics | 3 hrs | |
| CON 241: Surveying | 3 hrs | |
| CON 243: Heavy Construction Equipment, Methods, and Materials | 3 hrs | |
| CON 244: Working Drawing Analysis: Blueprint Reading | 3 hrs | |
| CON 252: Building Construction Methods, Materials, and Equipment | 3 hrs | |
| CON 251: Microcomputers for Constructors | 3 hrs | |
| CON 271: Construction Safety | 0-3 hrs | May be taken after transferring. |
| CON 273: Electrical Construction Fundamentals | 3 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 64

# Pathway Agreement

Print

**Maricopa Community College District**

**Counseling and Applied Psychological Science, BS Pathway**

**2021-2022**

ASU Major: Counseling and Applied Psychological Science, BS | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| CAP 260: Career and Professional Preparation for the Helping Professions or<br>CPD 260: Career and Professional Preparation for the Helping Professions | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions and MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus | 5-9 hrs |
| PSY 230: Introduction to Statistics | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| CPD 120: Introduction to Counseling or<br>CAP 120: Introduction to Counseling | 3 hrs |
| PSY 101: Introduction to Psychology | 3 hrs |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Counseling and Applied Psychological Science and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Counseling and Applied Psychological Science, BS degree program.

| | | |
|---|---|---|
| Any Course that transfers to ASU with an ABS or BIO prefix and meets [SQ] | 4 hrs | Check the Course Equivalency Guide on aztransfer.com to verify that the course selected transfers to ASU as ABS or BIO and meets [SQ] the semester it is taken. |
| PSY 290AB: Research Methods or<br>PSY 290AC: Research Methods | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| CPD 220: The Counselor in a Multicultural Society or<br>CAP 220: The Counselor in a Multicultural Society | 3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CPD 240: Introduction to Counseling Skills or<br>CAP 240: Introduction to Counseling Skills | 3 hrs | |
| Lower Division Elective | 3-14 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS Pathway**

**2021-2022**

ASU Major: Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS | College of Integrative Sciences and Arts

## Pathway Requirements

| | |
|---|---|
| **First Year Composition [FYC]** | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |
| **Literacy and Critical Inquiry [L]** | |
| CPD 260: Career and Professional Preparation for the Helping Professi or<br>CAP 260: Career and Professional Preparation for the Helping Professions | 3 hrs |
| **Mathematical Studies [MA, CS]** | |
| MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus | 5-9 hrs |
| PSY 230: Introduction to Statistics | 3 hrs |
| **Humanities, Arts, and Design [HU]** | |
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |
| **Social-Behavioral Science [SB]** | |
| CPD 120: Introduction to Counseling or<br>CAP 120: Introduction to Counseling | 3 hrs |
| PSY 101: Introduction to Psychology | 3 hrs |
| **Natural Science [SQ, SG]** | |
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Bio (Majors) I | 4 hrs |
| PSY 290AB: Research Methods or<br>PSY 290AC: Research Methods | 4 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Counseling and Applied Psychological Science and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| CPD 220: The Counselor in a Multicultural Society or<br>CAP 220: The Counselor in a Multicultural Society | 3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CPD 240: Introduction to Counseling Skills or<br>CAP 240: Introduction to Counseling Skills | 3 hrs | |
| Lower Division Elective | 14 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Criminology and Criminal Justice, BS Pathway**
**2021-2022**

ASU Major: Criminology and Criminal Justice, BS | College of Public Service and Community Solutions

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review<br>OR<br><br>MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Maricopa recommends AJS 123. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare | 3 hrs | The Criminology and Criminal Justice, BS degree requires 9 credit hours (3 courses) to fulfill the Public Programs Interdisciplinary requirement. Two courses are taken prior to transfer to ASU. The remaining course will be taken after transfer. |
| PSY 101: Introduction to Psychology or<br>SOC 101: Introduction to Sociology | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Criminal Justice and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Criminology and Criminal Justice, BS degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by SWU 171. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| AJS 101: Introduction To Criminal Justice | 3 hrs | |
| AJS 113: Criminal Justice Crime Control | 3 hrs | |
| AJS 230: The Police Function | 3 hrs | |
| AJS 240: The Correction Function | 3 hrs | |
| AJS 212: Juvenile Justice Procedures OR<br><br>AJS 109: Substantive Criminal Law OR<br><br>AJS 270: Community Relations | 6 hrs | Select two courses from these options. |
| REC 120: Leisure and the Quality of Life | 3 hrs | The Criminology and Criminal Justice, BS degree requires 9 credit hours (3 courses) to fulfill the Public Program interdisciplinary requirement. Two courses are taken prior to transfer to ASU. The remaining course will be taken after transfer. |
| Criminal Justice Elective | 3 hrs | Criminal Justice Elective: Select one course (3 hours) that transfers to ASU as a 200-level course with CRJ prefix. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**

**Dance, BFA Pathway**

**2021-2022**

ASU Major: Dance, BFA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| DAH 100: Introduction to Dance | 3 hrs |
| DAH 201: World Dance Studies | 3 hrs |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Selecting a course that also meets Cultural Diversity [C] is recommended. |
| Social-Behavioral Science [SB] | 3 hrs | Per MCCCD, COM 100 or COM 110 or COM 230 are recommended to also meet MCCCD additional requirement. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement<br><br>Per MCCCD requirements, BIO 160 or BIO 201 are required for the AAFA, Emphasis in Dance. Check Course Equivalency Guide on aztransfer.com for the SQ or SG value in place the semester the course is taken. |
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

**Bachelor of Fine Arts in Dance or Bachelor of Fine Arts in Dance Education**

- Acceptance into the BFA Dance or BFA Dance Education programs are contingent upon students having an Associates in Arts, Fine Arts (AAFA), Emphasis in Dance degree and a successful dance interview the semester before transferring to ASU. Visit asu.edu/admissions/bachelor-of-fine for dance interview application and deadline.

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Global Awareness [G] satisfied by DAH 201. |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| DAN 150: Dance Performance I | 1 hrs | | |
| DAN 210: Dance Production I | 3 hrs | | |
| DAN 221: Rhythmic Awareness I | 3 hrs | | |
| DAN 264: Choreography I | 3 hrs | | |
| DAN 280: Dance Practicum | 2 hrs | | |
| Personal Movement Practice Courses | | 9 hrs | Choose 9 credits of dance courses to fulfill specific lower division Personal Movement Practice requirements at ASU from the course list below. |
| DAN 170: Dance Kinesiology or<br>DAN 220: Dance Career Preparation or<br>DAN 265: Choreography II | | 6 hrs | Choose two courses. Meets Restricted Electives requirement on the Associate in Arts, Fine Arts?Dance. |
| Successful completion of dance interview | | 0 hrs | See special requirements. |

Total Required Credits: 62

## Track/Groups

Personal Movement Practice Courses

| Personal Movement Practice Courses |
|---|
| DAN 131: Ballet I or<br>DAN 132: Modern Dance I or<br>DAN 133: Jazz Dance I or<br>DAN 134: Ballet II or<br>DAN 135: Modern Dance II or<br>DAN 136: Jazz Dance II or<br>DAN 231: Ballet III or<br>DAN 231AA: Ballet III: Intensive or<br>DAN 232: Modern Dance III or<br>DAN 232AA: Modern Dance III: Intensive or<br>DAN 233: Jazz Dance III or<br>DAN 233AA: Jazz Dance III: Intensive or<br>DAN 234: Ballet IV or<br>DAN 234AA: Ballet IV: Intensive or<br>DAN 235: Modern Dance IV or<br>DAN 236: Jazz Dance IV or<br>DAN 236AA: Jazz Dance IV: Intensive or<br>DAN 290AA: Dance Conservatory I or<br>DAN 290AB: Dance Conservatory I or<br>DAN 290AC: Dance Conservatory I or<br>DAN 291AA: Dance Conservatory II or<br>DAN 291AB: Dance Conservatory II or<br>DAN 291AC: Dance Conservatory II or<br>DAN 292AA: Dance Conservatory III or<br>DAN 292AB: Dance Conservatory III or<br>DAN 292AC: Dance Conservatory III |

# Pathway Agreement

Print

**Maricopa Community College District**
**Dance (Dance Education), BFA Pathway**
**2021-2022**

ASU Major: Dance (Dance Education), BFA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| DAH 100: Introduction to Dance | 3 hrs |
| DAH 201: World Dance Studies | 3 hrs |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Selecting a course that also meets Cultural Diversity [C] is recommended. |
| Social-Behavioral Science [SB] | 3 hrs | Per MCCCD, COM 100 or COM 110 or COM 230 are recommended to also meet MCCCD additional requirement. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement<br><br>Per MCCCD requirements, BIO 160 or BIO 201 are required for the AAFA, Emphasis in Dance. Check Course Equivalency Guide on aztransfer.com for the SQ or SG value in place the semester the course is taken. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

**Bachelor of Fine Arts in Dance or Bachelor of Fine Arts in Dance Education**

- Acceptance into the BFA Dance or BFA Dance Education programs are contingent upon students having an Associates in Arts, Fine Arts (AAFA), Emphasis in Dance degree - Dance degree and a successful dance interview the semester before transferring to ASU. Visit asu.edu/admissions/bachelor-of-fine for dance interview application and deadline.

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Satisfied by DAH 201. |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| DAN 150: Dance Performance I | 1 hrs | | |
| DAN 210: Dance Production I | 3 hrs | | |
| DAN 221: Rhythmic Awareness I | 3 hrs | | |
| DAN 264: Choreography I | 3 hrs | | |
| DAN 280: Dance Practicum | 2 hrs | | |
| Personal Movement Practice Courses | | 9 hrs | Choose 9 credits of dance courses to fulfill specific lower division Personal Movement Practice requirements at ASU from the course list below. |
| DAN 170: Dance Kinesiology OR<br>DAN 220: Dance Career Preparation OR<br>DAN 265: Choreography II | | 6 hrs | Choose two courses. Meets Restricted Electives requirement on the Associate in Arts, Fine Arts-Dance. |
| Successful completion of dance interview | | 0 hrs | See special requirements. |

Total Required Credits: 62

## Track/Groups

Personal Movement Practice Courses

| Personal Movement Practice Courses |
|---|
| DAN 131: Ballet I or<br>DAN 132: Modern Dance I or<br>DAN 133: Jazz Dance I or<br>DAN 134: Ballet II or<br>DAN 135: Modern Dance II or<br>DAN 136: Jazz Dance II or<br>DAN 231: Ballet III or<br>DAN 231AA: Ballet III: Intensive or<br>DAN 232: Modern Dance III or<br>DAN 232AA: Modern Dance III: Intensive or<br>DAN 233: Jazz Dance III or<br>DAN 233AA: Jazz Dance III: Intensive or<br>DAN 234: Ballet IV or<br>DAN 234AA: Ballet IV: Intensive or<br>DAN 235: Modern Dance IV or<br>DAN 236: Jazz Dance IV or<br>DAN 236AA: Jazz Dance IV: Intensive or<br>DAN 290AA: Dance Conservatory I or<br>DAN 290AB: Dance Conservatory I or<br>DAN 290AC: Dance Conservatory I or<br>DAN 291AA: Dance Conservatory II or<br>DAN 291AB: Dance Conservatory II or<br>DAN 291AC: Dance Conservatory II or<br>DAN 292AA: Dance Conservatory III or<br>DAN 292AB: Dance Conservatory III or<br>DAN 292AC: Dance Conservatory III |

# Pathway Agreement

Print

**Maricopa Community College District**

**Dietetics, BS Pathway**

**2021-2022**

ASU Major: Dietetics, BS | College of Health Solutions

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| EXS 290: Introduction to Evidence-Based Practice | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 151AA: College Algebra/Functions I or<br>MAT 151AB: College Algebra/Functions II or<br>MAT 151AC: College Algebra/Functions III or<br>MAT 151AD: College Algebra/Functions IV<br>or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review | 3-5 hrs |
| PSY 230: Introduction to Statistics | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| PSY 101: Introduction to Psychology | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| CHM 130: Fundamental Chemistry and CHM 130LL: Fundamental Chemistry Laborat OR<br><br>CHM 130AA: Fundamental Chemistry with Lab | 4 hrs |
| BIO 201: Human Anatomy and Physiology I | 4 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Dietetics BS degree program.

All courses must be completed with a grade of "C" or better.

ASU's Dietetics BS degree meets the Academy of Nutrition and Dietetics Didactic Program in Dietetics (DPD) requirements which qualifies students to apply for a Dietetic Internship.

Students must maintain a 3.0 cumulative gpa to remain in the major at ASU.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 202: Human Anatomy and Physiology II | 4 hrs | |
| BIO 205: Microbiology | 4 hrs | |
| CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistry Laboratory | 4 hrs | |
| FON 125: Introduction to Professions in Food, Nutrition, and Dietetics | 1 hrs | |
| FON 142AB: Applied Food Principles | 3 hrs | |
| FON 241: Principles of Human Nutrition | 3 hrs | |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Digital Culture (Art), BA Pathway**
**2021-2022**

ASU Major: Digital Culture (Art), BA | Herberger Institute for Design and the Arts

## Pathway Requirements

| | | |
|---|---|---|
| **First Year Composition [FYC]** | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| **Literacy and Critical Inquiry [L]** | | |
| Literacy and Critical Inquiry [L] | 3 hrs | |
| **Mathematical Studies [MA, CS]** | | |
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 3-4 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |
| **Humanities, Arts, and Design [HU]** | | |
| ARH 102: Renaissance Through Contemporary or<br>ARH 115: History of Photography | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |
| **Social-Behavioral Science [SB]** | | |
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |
| **Natural Science [SQ, SG]** | | |
| Natural Science [SQ, SG] | 4 hrs | Select at least one course with the SQ designation.PHY 101 is recommended. |
| Natural Science [SQ, SG] | 4 hrs | |
| **General Education Awareness Areas [C, H, G]** | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs | [C] can be shared with [SB]. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | [H] will be satisfied if ARH 102 taken. [G] can be shared with [HU]. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Digital Culture (Art), BA degree program.

Students interested in pursuing Digital Culture must successfully pass the Digital Culture Questionnaire requirement to be admitted into this major at ASU. Students should submit the questionnaire in their last semester at the Community College. For more information, please visit: http://herbergerinstitute.asu.edu/degrees/digital

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ARH 102: College Critical Reading and Critical Thinking or<br>ARH 115: History of Photography or<br>DAH 100: Introduction to Dance or<br>DAH 250: Dance in Popular Culture or<br>HUM 205: Introduction to Cinema or<br>HUM 206: INTRODUCTION TO TELEVISION ARTS or<br>HUM 210: Contemporary Cinema or<br>MHL 140: Survey of Music History or<br>MHL 143: Music in World Cultures or<br>MHL 145: American Jazz and Popular Music or<br>MHL 146: Survey of Broadway Musicals or<br>MHL 153: Rock Music and Culture or<br>MHL 155: Survey of American Music or<br>THE 111: Introduction to Theatre or<br>THF 206: Introduction to Television Arts or<br>THF 210: Contemporary Cinema | 3 hrs | If a course on the approved HU course list is selected, it may be shared with HU. |
| ART 111: Drawing I or<br>ART 112: Two-Dimensional Design or<br>ART 113: Color | 3 hrs | |
| ART 185: 3-D Modeling for Animation or<br>ART 284: Intermedia Animation or<br>CIS 120DC: Adobe Animate: Digital Animation or<br>ART 202: Digital Arts Survey | 3 hrs | |
| ART 190: Art of Web Site Design or<br>ART 202: Digital Arts Survey or<br>ART 142: Introduction to Digital Photo or<br>MTC 191: Electronic Music I or<br>ART 184: Computer Animation or<br>CIS 133DA: Internet/Web Development Level I | 3 hrs | |
| CIS 120DA: Introduction to Digital Video Editing: Adobe Premiere or<br>CIS 120DF: Adobe Photoshop Level I: Digital Imaging or<br>CIS 120DK: Introduction to Digital Video Editing or<br>CIS 150: Programming Fundamentals or<br>MTC 180: COMPUTER LITERACY for MUSICIANS or<br>CIS 120AJ: Introduction to Digital Photo Editing | 1-3 hrs | |
| CIS 163AA: Java Programming: Level I or<br>CSC 110: Introduction to Computer Science (Java) | 3 hrs | |
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Digital Culture (Film), BA Pathway**
**2021-2022**

ASU Major: Digital Culture (Film), BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 3-4 hrs |
| Computer/Statistics/Quantitative Analysis | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| HUM 210: Contemporary Cinema or<br>THF 210: Contemporary Cinema | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. PHY 101 is recommended. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Digital Culture (Film) BA degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ARH 102: Renaissance Through Contemporary Art or<br>ARH 112: History of Modern Art or<br>DAH 100: Introduction to Dance or<br>DAH 250: Dance in Popular Culture or<br>HUM 205: Introduction to Cinema or<br>HUM 206: INTRODUCTION TO TELEVISION ARTS or<br>MHL 140: Survey of Music History or<br>MHL 143: Music in World Cultures or<br>MHL 145: American Jazz and Popular Music or<br>MHL 146: Survey of Broadway Musicals or<br>MHL 153: Rock Music and Culture or<br>MHL 155: Survey of American Music or<br>THE 111: Introduction to Theatre or<br>THF 206: Introduction to Television Arts or<br>THF 205: Introduction to Cinema | 3 hrs | |
| ART 190: Art of Web Site Design or<br>ART 202: Digital Arts Survey or<br>ART 142: Introduction to Digital Photography or<br>MTC 191: Electronic Music I or<br>ART 184: Computer Animation or<br>ADA 184: Computer Animation or<br>MMT 184: Computer Animation or<br>MMT 190: Art of Web Site Design | 3 hrs | |
| CIS 120DA: Introduction to Digital Video Editing: Adobe Premiere or<br>CIS 120DF: Adobe Photoshop Level I: Digital Imaging or<br>CIS 120DK: Introduction to Digital Vvideo Editing or<br>CIS 150: Programming Fundamentals or<br>MTC 180: COMPUTER LITERACY for MUSICIANS or<br>CIS 120AJ: Introduction to Digital Photo Editing | 1-3 hrs | |
| CIS 163AA: Java Programming: Level I or<br>CSC 110: Introduction to Computer Science (Java) | 3 hrs | |
| Complete any course that transfers to ASU with a FMP, FMS, THP, or THE prefix. | 3 hrs | |
| Lower Division Elective | 0-12 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Digital Culture (Media Processing), BS Pathway**
**2021-2022**

ASU Major: Digital Culture (Media Processing), BS | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 4-5 hrs |
| CSC 110: Introduction to Computer Science (Java) | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. PHY 101 is recommended. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Digital Culture (Media Processing), BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 205: Object Oriented Programming and Data Structures | 3 hrs | |
| CSC 240: Introduction to Different Programming Languages | 3 hrs | |
| ART 178: Digital Arts Studies | 3 hrs | Course availability may be limited. Discuss your educational plan/course sequence and transfer timeline with MCCCD and ASU academic advisors early in your program. |
| ART 246: Introduction to Digital 3D Fabrication Tools or<br>THP 246: Introduction to Digital 3D Fabrication Tools | 3 hrs | Course availability may be limited. Discuss your educational plan/course sequence and transfer timeline with MCCCD and ASU academic advisors early in your program. |
| CSC 220: Programming for Computer Engineering or<br>EEE 220: Programming for Computer Engineering | 3 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs | As per "or permission of instructor" in Maricopa's MAT227 course description, academic advisors and other student services personnel are authorized by Maricopa's Math Instructional Council to approve MAT227 registration using either MAT212/213 OR MAT220/221 (and CSC110 or CSC110) as the course prerequisites. |
| ART 190: Art of Web Site Design or<br>ART 202: Digital Arts Survey or<br>ART 142: Introduction to Digital Photography or<br>ART 184: Computer Animation or<br>MTC 191: Electronic Music I or<br>ADA 184: Computer Animation or<br>MMT 184: Computer Animation or<br>MMT 190: Art of Web Site Design | 1-3 hrs | |
| Lower Division Elective | 0-5 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Digital Culture (Music), BA Pathway**
**2021-2022**

ASU Major: Digital Culture (Music), BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs | |
| Computer/Statistics/Quantitative Applications | 3 hrs | MTC 180 (Computer Literacy for Musicians) is recommended. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. PHY101 is recommended. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Digital Culture (Music), BA degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ARH 102: Renaissance Through Contemporary Art or<br>ARH 112: History of Modern Art or<br>DAH 100: Introduction to Dance or<br>DAH 250: Dance in Popular Culture or<br>HUM 205: Introduction to Cinema or<br>HUM 206: INTRODUCTION TO TELEVISION ARTS or<br>HUM 210: Contemporary Cinema or<br>MHL 140: Survey of Music History or<br>MHL 143: Music in World Cultures or<br>MHL 145: American Jazz and Popular Music or<br>MHL 146: Survey of Broadway Musicals or<br>MHL 153: Rock Music and Culture or<br>MHL 155: Survey of American Music or<br>THE 111: Introduction to Theatre or<br>THF 206: Introduction to Television Arts or<br>THF 210: Contemporary Cinema or<br>THF 205: Introduction to Cinema | 3 hrs | |
| ART 190: Art of Web Site Design or<br>ART 202: Digital Arts Survey or<br>ART 142: Introduction to Digital Photography or<br>MTC 191: Electronic Music I or<br>ART 184: Computer Animation or<br>MMT 190: Art of Web Site Design or<br>MMT 184: Computer Animation | 3 hrs | |
| CIS 163AA: Java Programming: Level I or<br>CSC 110: Introduction to Computer Science (Java) | 3 hrs | |
| CIS 120DA: Introduction to Digital Video Editing: Adobe Premiere or<br>CIS 120DF: Adobe Photoshop Level I: Digital Imaging or<br>CIS 120DK: Introduction to Digital Video Editing or<br>CIS 150: Programming Fundamentals or<br>MTC 180: COMPUTER LITERACY for MUSICIANS or<br>CIS 120AJ: Introduction to Digital Photo Editing | 1-3 hrs | |
| MTC 100: Fundamentals of Music or<br>MTC 101: Introduction to Music Theory or<br>MTC 105: Music Theory I and<br>MTC 106: Aural Perception I | 3-4 hrs | |
| MTC 120: Introduction to Sound Design for Film and Video or<br>MTC 180: COMPUTER LITERACY for MUSICIANS or<br>MTC 191: Electronic Music I or<br>MTC 192: Electronic Music II | 3 hrs | |
| Complete any course that transfers to ASU with a MUS, MUP, MUE, or MTC prefix. | 3 hrs | |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Digital Culture (Theatre), BA Pathway**
**2021-2022**

ASU Major: Digital Culture (Theatre), BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 3-4 hrs |
| CIS 163AA: Java Programming: Level I or<br>CSC 110: Introduction to Computer Science (Java) | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. PHY 101 is recommended. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Digital Culture (Theatre), BA degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ARH 102: Renaissance Through Contemporary Art or<br>ARH 112: History of Modern Art or<br>DAH 100: Introduction to Dance or<br>DAH 250: Dance in Popular Culture or<br>HUM 205: Introduction to Cinema or<br>HUM 206: INTRODUCTION TO TELEVISION ARTS or<br>HUM 210: Contemporary Cinema or<br>MHL 140: Survey of Music History or<br>MHL 143: Music in World Cultures or<br>MHL 145: American Jazz and Popular Music or<br>MHL 146: Survey of Broadway Musicals or<br>MHL 153: Rock Music and Culture or<br>MHL 155: Survey of American Music or<br>THE 111: Introduction to Theatre or<br>THF 206: Introduction to Television Arts or<br>THF 210: Contemporary Cinema | 3 hrs | |
| ART 190: Art of Web Site Design or<br>ART 202: Digital Arts Survey or<br>ART 142: Introduction to Digital Photography or<br>MTC 191: Electronic Music I or<br>ART 184: Computer Animation | 3 hrs | |
| CIS 120DA: Introduction to Digital Video Editing: Adobe Premiere or<br>CIS 120DF: Adobe Photoshop Level I: Digital Imaging or<br>CIS 120DK: Introduction to Digital Video Editing or<br>CIS 150: Programming Fundamentals or<br>MTC 180: COMPUTER LITERACY for MUSICIANS or<br>CIS 120AJ: Introduction to Digital Photo Editing | 1-3 hrs | |
| THP 216: Beginning Stage Lighting or<br>THP 265: Introduction to Stage Management or<br>THP 203: Technical Theatre Production or<br>THP 213: Intro to Technical Theatre or<br>THP 226: Theatrical Design: Costuming | 3 hrs | |
| THP 217: Intro to Design Scenography | 3 hrs | |
| Theater Production Elective | 3 hrs | Complete any course that transfers to ASU with a THP, THE, or FMP prefix. |
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Disability Studies, BA Pathway**
**2021-2022**

ASU Major: Disability Studies, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ course within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Disability Studies BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Early Childhood and Early Childhood Special Education, BAE Pathway**

**2021-2022**

ASU Major: Early Childhood and Early Childhood Special Education, BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | Meets MCCCD Additional Communication Requirement below. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review or<br>Higher level course that meets MA requirement | 3-5 hrs | Students must meet one of the following MCCCD prerequisites to take MAT256 (see Additional Lower Division Requirements section): Grade of C or better in MAT150/151/152/155/156, or MAT120/121/122 AND 140/141/142/145/146, or MAT140/141/142/145/146 AND placement test score to permit enrollment in MAT150/151/152/155/156 or higher. |
| BPC 110: Computer Usage and Applications<br>OR<br><br>CIS 105: Survey of Computer Information Systems OR<br><br>CSC 180: Computer Literacy or<br>CSC 180AA: Computer Literacy or<br>CSC 180AB: Computer Literacy | 3-4 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| EDU 291: Children's Literature or<br>ENH 291: Children's Literature | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 113: United States and Arizona Social Studies or<br>GCU 113: United States and Arizona Social Studies or<br>HIS 103: United States History to 1865 | 3 hrs | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |
| EDU 222: Intro to the Exceptional Learner or<br>EED 222: Introduction to the Exceptional Young Child: Birth to Age Eight | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Early Childhood Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Early Childhood Education and Early Childhood Special Education BAE degree program and the teacher preparation program.

While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires 2.5 GPA instead for coursework used to satisfy MAPP requirements. All courses must be completed with a C or greater.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222 or EED 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103 or GCU 113/POS 113. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CFS 205: Human Development OR<br><br>CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 230: Cultural Diversity in Education | 3 hrs | |
| EED 215: HEALTH, SAFETY, NUTRITION/FITNESS OR<br><br>CFS 123: HLTH/NUTRITION-EARLY CHILDHOOD and<br>CFS 125: SAFETY IN EARLY CHILDHOOD SETTINGS | 2-3 hrs | |
| EED 200: Foundations of Early Childhood Education or<br>EDU 221: Introduction to Education | 3 hrs | |
| MAT 256: Investigating Quantity: Number, Operations and Numeration Systems | 4 hrs | |
| MAT 257: Investigating Geometry, Probability and Statistics | 4 hrs | |
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). Recommend taking CFS 235 or EED 205.<br><br>POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 227 for [SB]. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Earth and Environmental Studies, BA Pathway**
**2021-2022**

ASU Major: Earth and Environmental Studies, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 187: Precalculus OR<br><br>MAT 150: College Algebra and<br>MAT 182: Plane Trigonometry or<br>MAT 151: College Algebra and<br>MAT 182: Plane Trigonometry or<br>MAT 152: College Algebra and<br>MAT 182: Plane Trigonometry or<br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 3-9 hrs |
| Computer/Statistics/Quantitative Analysis | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Earth & Environmental Studies BA degree program.

| | | |
|---|---|---|
| CHM 130: Fundamental Chemistry and CHM 130LL: Fundamental Chemistry Laboratory or CHM 130AA: Fundamental Chemistry with Lab OR<br><br>CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 150AA: General Chemistry I or CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 151AA: General Chemistry I | 4-5 hrs | |
| GLG 110: Geological Disasters and the Environment and GLG 111: GEOL DISASTERS and ENVIRONMENT LAB | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| GLG 101: Introduction to Geology I and GLG 103: Introduction to Geology I - | 4 hrs | |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | For Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. |
| Lower Division Elective | 0-21 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Earth and Space Exploration, BS Pathway**
**2021-2022**

ASU Major: Earth and Space Exploration, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, COM or CRE 101 requirements simultaneously. Associate of Science degrees also allow for HU or SB to be satisfied at the same time as L. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4-5 hrs |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs |

Subject Options

| | |
|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate of Science Degree and AGEC-S, meets major map requirements at ASU and guarantees admission to the Earth & Space Exploration B.S. degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 150AA: General Chemistry I or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II or<br>CHM 154: General Chemistry II with Qualitative Analysis and<br>CHM 154LL: General Chemistry II with Qualitative Laboratory | 4-5 hrs | |
| MAT 277: Modern Differential Equations or<br>MAT 276: Modern Differential Equations | 3-4 hrs | |
| Lower Division Elective | 0-8 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Earth and Space Exploration (Astrophysics), BS Pathway**

**2021-2022**

ASU Major: Earth and Space Exploration (Astrophysics), BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, COM or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4-5 hrs |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs |

Subject Options

| | |
|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Astronomy degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Earth and Space Exploration (Astrophysics), BS degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU, SB or L requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU, SB or L requirements. |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| AST 111: Introduction to Solar System | 4 hrs | |
| AST 112: Introduction to Stars, Galaxies, and Cosmology | 4 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | This course is required for the MCCCD Associate in Science, Astronomy degree and the BS at ASU. |
| Lower Division Elective | 0-11 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. AST 106 and PHY 241 are required for the Associate in Science, Astronomy degree. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Earth and Space Exploration (Geological Sciences), BS Pathway**

**2021-2022**

ASU Major: Earth and Space Exploration (Geological Sciences), BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry and COM or CRE 101 requirement simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4 hrs |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism | 4 hrs |

Subject Options

| | |
|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Geology degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Earth & Space Exploration (Geological Sciences) B.S. degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by GLG 102. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 150AA: General Chemistry I or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II | 4-5 hrs | |
| GLG 101: Introduction to Geology I - Physical Lecture and<br>GLG 103: Introduction to Geology I - Physical Lab OR<br><br>GLG 101IN: Introduction to Geology I - Physical | 4 hrs | |
| GLG 102: Intro to GEOLOGY II-HISTORICAL LECTURE and<br>GLG 104: Introduction to Geology II - Historical Lab OR<br><br>GLG 102IN: Introduction to Geology II - Historical | 4 hrs | GLG 102 satisfies Historical Awareness [H] Requirement |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Economics, BS Pathway**
**2021-2022**

ASU Major: Economics, BS | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs |
| CIS 105: Survey of Computer Information Systems | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs |
| ECN 212: Microeconomic Principles | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information<br>and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**

**Economics, BS Pathway**

**2021-2022**

ASU Major: Economics, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus or<br>MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs |
| ECN 212: Microeconomic Principles | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Economics degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Economics, BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business or<br>MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| Lower Division Elective | 7-21 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Educational Studies, BAE Pathway**
**2021-2022**

ASU Major: Educational Studies, BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review or<br>higher level course that meets MA requirement | 3-6 hrs | |
| CIS 105: Survey of Computer Information Systems or<br>BPC 110: Computer Usage & Applications or<br>CSC 180: Computer Literacy | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| EDU 291: Children's Literature or<br>ENH 291: Children's Literature | 3 hrs | EDU 291 is an acceptable MAPP course substitution for TEL 208. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| EDU 221: Introduction to Education or<br>EED 200: Foundations of Early Childhood Education | 3 hrs | |
| EDU 222: Intro to EXCEPTIONAL LEARNER or<br>EED 222: INTRO EXCPT YNG CHLD: BIRTH-8 | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Educational Studies Early Childhood Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Educational Studies BAE degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a "C" or better.

The Bachelor of Arts in Education (BAE) in educational studies is designed to prepare students to work with children and youth outside of a traditional classroom setting. While this degree does not lead to teacher certification, it will provide a foundation of knowledge in educational practices for use in the community setting.

| | | |
|---|---|---|
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222 or EED 222. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CFS 205: Human Development OR<br><br>CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| EDU 230: Cultural Diversity in Education | 3 hrs | |
| EDU Elective | 3 hrs | Select any EDU elective (Except EDU 221, EDU 222, EDU 230 and EDU 250) |
| Educational Studies Track Courses | 0-6 hrs | Check the ASU major map for the Educational Studies Track Courses in which you are interested in and complete the course(s) in that track listed in the Track/Groups section below. If interested in the Environmental Education, Global Studies, Health Innovation, or Nonprofit Administration track, the courses will need to be completed at ASU. |
| Lower Division Elective | 0-20 hrs | EED 215 or (CFS 123 AND CFS 125) is recommended because it is required for the AA, Emphasis in Early Childhood Education. Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). |

Total Required Credits: 64

## Track/Groups

Educational Studies Track Courses

| Educational Studies Track Courses | |
|---|---|
| ECN 211: Macroeconomic Principles | Business Educational Studies Track Course |
| **Educational Studies Track Courses** | |
| HCR 220: Introduction to Nursing and Health Care Systems | Community Health Educational Studies Track Course |
| **Educational Studies Track Courses** | |
| CFS 205: Human Development AND | Family and Human Development Educational Studies Track Course. |
| CFS 112: Personal Growth and Family Relations | If this track is selected, complete both courses. |
| **Educational Studies Track Courses** | |
| HON 201: Leadership Development: Historical and Contemporary Perspectives or | Organizational Leadership Educational Studies Track Course. |
| MGT 229: Management and Leadership I AND<br><br>MGT 230: Management and Leadership II | If this track is selected, complete MGT 230 and either HON 201 or MGT 229. |
| **Educational Studies Track Courses** | |
| FON 100: Introductory Nutrition | Personal Health Educational Studies Track Course |
| **Educational Studies Track Courses** | |
| POS 110: American National Government AND | Political Science Educational Studies Track Course. If this track is selected, complete both courses. |
| POS 140: Comparative Government | |

| Educational Studies Track Courses | |
|---|---|
| REC 120: Leisure and the Quality of Life | Recreation Management<br>Educational Studies Track Course |

# Pathway Agreement

Print

**Maricopa Community College District**
**Electrical Engineering, BSE Pathway**
**2021-2022**

ASU Major: Electrical Engineering, BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities, Arts, and Design, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement(s). |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours. |
| ECN 211: Macroeconomic Principles or<br>ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 121: University Physics I: Mechanics or<br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs | |

Subject Options

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Engineering degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Electrical Engineering, BSE degree program.

MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A maximum of 64 credit hours will transfer to Arizona State University. All transfer courses must be completed with a grade of "C" or better.

**Admission Notes:**

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP requirements and meet the primary or secondary admission requirements to gain admission to the Electrical Engineering and Electrical Engineering (Electric and Power Systems) BSE degree programs. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Electrical Engineering, BSE degree program is dependent upon meeting primary or secondary admission criteria outlined below.

**Primary Criteria:** Minimum transfer GPA of 3.00 as calculated by ASU for admission for 24 or more transfer hours

**Secondary Criteria:** Minimum transfer GPA of 2.50 as calculated by ASU for admission for 24 or more transfer hours and a minimum GPA of 2.75 in all critical tracking courses in terms 1 and 2 (MAT 265, 266, PHY 121 and PHY 122).

**Additional Note:** Students interested in completing the BSE Electrical Engineering degree with two additional years at ASU are strongly encouraged to contact the ECEE Advising Office at 480-965-3424 to meet with an academic advisor upon enrollment into a MAPP at the community college to work on their degree plan.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| EEE 202: Circuits and Devices | 5 hrs | |
| CSC 100: Introduction to Computer Science or<br>CSC 100AA: Introduction to Computer Science (C++) or<br>CSC 100AB: Introduction to Computer Science (C++) or<br>CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 3-4 hrs | |
| CSC 120: Digital Design Fundamentals or<br>EEE 120: Digital Design Fundamentals | 4 hrs | |
| CSC 230: Computer Organization and Assembly Language Programming or<br>EEE 230: Computer Organization and Assembly Language Programming | 4 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 4 hrs | |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I AND<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II OR<br><br>CHM 152AA: General Chemistry II | 0-9 hrs | May be completed after transfer to ASU. Meets CHM 114 at ASU. Strongly recommended that students take CHM 114 through concurrent enrollment or in the summer prior to admission to ASU. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 65

# Pathway Agreement

Print

**Maricopa Community College District**

**Electrical Engineering (Electric Power and Energy Systems), BSE Pathway**

**2021-2022**

ASU Major: Electrical Engineering (Electric Power and Energy Systems), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities, Arts, and Design, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours. |
| Humanities, Arts, and Design [HU] | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement(s). |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles OR<br><br>ECN 212: Microeconomic Principles | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 121: University Physics I: Mechanics OR<br><br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism OR<br><br>PHY 116: University Physics II | 4-5 hrs | |

Subject Options

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Engineering degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Electrical Engineering, BSE degree program.

MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A maximum of 64 credit hours will transfer to Arizona State University.All transfer courses must be completed with a grade of "C" or better.

**Admission Notes:**

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP requirements and meet the primary or secondary admission requirements to gain admission to the Electrical Engineering and Electrical Engineering (Electric and Power Systems) BSE degree programs. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Electrical Engineering, BSE degree program is dependent upon meeting primary or secondary admission criteria outlined below.

**Primary Criteria:** Minimum transfer GPA of 3.00 as calculated by ASU for admission for 24 or more transfer hours

**Secondary Criteria:** Minimum transfer GPA of 2.50 as calculated by ASU for admission for 24 or more transfer hours and a minimum GPA of 2.75 in all critical tracking courses in terms 1 and 2 (MAT 265, 266, PHY 121 and PHY 122).

**Additional Note:** Students interested in completing the BSE Electrical Engineering (Electric Power and Energy Systems) degree with two additional years at ASU are strongly encouraged to contact the ECEE Advising Office at 480-965-3424 to meet with an academic advisor upon enrollment into a MAPP program at the community college to work on their degree plan.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| EEE 202: Circuits and Devices | 5 hrs | |
| CSC 100: Introduction to Computer Science or<br>CSC 100AA: Introduction to Computer Science (C++) or<br>CSC 100AB: Introduction to Computer Science (C++) or<br>CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 3-4 hrs | |
| CSC 120: Digital Design Fundamentals or<br>EEE 120: Digital Design Fundamentals | 4 hrs | |
| CSC 230: Computer Organization and Assembly Language Programming or<br>EEE 230: Computer Organization and Assembly Language Programming | 4 hrs | |
| MAT 277: Modern Differential Equations or<br>MAT 276: Modern Differential Equations | 3-4 hrs | |
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 4 hrs | |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I AND<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II OR<br><br>CHM 152AA: General Chemistry II | 0-9 hrs | May be completed after transfer to ASU. Meets CHM 114 at ASU. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 65

# Pathway Agreement

Print

**Maricopa Community College District**
**Elementary Education, BAE Pathway**
**2021-2022**

ASU Major: Elementary Education, BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: Course not found or<br>MAT 146: College Mathematics with Review or<br>Higher level course that meets MA requirement | 3-6 hrs | Students must meet one of the following MCCCD prerequisites to take MAT256 (see Additional Lower Division Requirements section): Grade of C or better in MAT150/151/152/155/156, or MAT120/121/122 AND 140/141/142/145/146, or MAT140/141/142/145/146 AND placement test score to permit enrollment in MAT150/151/152/155/156 or higher. |
| CIS 105: Survey of Computer Information Systems or<br>BPC 110: Computer Usage & Applications or<br>CSC 180: Computer Literacy or<br>CSC 180AA: Computer Literacy or<br>CSC 180AB: Computer Literacy | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 100: Introduction to Art OR<br><br>ARH 101: Prehistoric through Gothic Art OR<br><br>ARH 102: Renaissance Through Contemporary Art OR<br><br>DAH 100: Introduction to Dance OR<br><br>DAH 201: World Dance Studies OR<br><br>DAH 250: Dance in Popular Culture OR<br><br>MHL 140: Survey of Music History OR<br><br>MHL 145: American Jazz and Popular Music OR<br><br>MHL 146: Survey of Broadway Musicals OR<br><br>MHL 153: Rock Music and Culture OR<br><br>THE 111: Introduction to Theatre OR<br><br>THE 220: Modern Drama | 3 hrs | |
| EDU 291: Children's Literature or<br>ENH 291: Children's Literature | 3 hrs | |

Social-Behavioral Science [SB]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate of Arts, Elementary Education degree (AAEE) and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Elementary Education or Elementary Education (Bilingual Education/English as a Second Language) or Special Education/Elementary Education BAE degree program and the teacher preparation program.

While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires a 2.5 GPA instead for coursework used to satisfy MAPP requirements. All courses must be completed with a C or greater.

| | | |
|---|---|---|
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| HIS 103: United States History to 1865 or<br>POS 113: United States and Arizona Social Studies or<br>GCU 113: United States and Arizona Social Studies | 3 hrs | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Complete a Life Sciences course (choose from BIO prefix). One of the two natural science courses selected must be SQ. |
| Natural Science [SQ, SG] | 4 hrs | Complete a Physical or Earth/Space Science Course (choose from AGS, ASM, AST, CHM, GLG, GPH, PHS, PHY) |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Cultural Diversity [C] satisfied by EDU 222 or EDU 230. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103 or GCU 113/POS 113. |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 222: Intro to EXCEPTIONAL LEARNER | 3 hrs | |
| EDU 230: Cultural Diversity in Education | 3 hrs | |
| MAT 256: Investigating Quantity: Number, Operations and Numeration Systems | 4 hrs | |
| MAT 257: Investigating Geometry, Probability and Statistics | 4 hrs | |
| Select 5 credits from AAEE Content Area Elective options | 5 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 227 for [SB] |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Elementary Education (Educating Multilingual Learners), BAE Pathway**

**2021-2022**

ASU Major: Elementary Education (Educating Multilingual Learners), BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: Course not found or<br>MAT 146: Course not found or<br>Higher level course that meets MA requirement | 3-6 hrs | Students must meet one of the following MCCCD prerequisites to take MAT256 (see Additional Lower Division Requirements section): Grade of C or better in MAT150/151/152/155/156, or MAT120/121/122 AND 140/141/142/145/146, or MAT140/141/142/145/146 AND placement test score to permit enrollment in MAT150/151/152/155/156 or higher. |
| CIS 105: Survey of Computer Information Systems or<br>BPC 110: Computer Usage & Applications or<br>CSC 180: Computer Literacy | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 100: Introduction to Art OR<br>ARH 101: Prehistoric through Gothic Art OR<br>ARH 102: Renaissance Through Contemporary Art OR<br>DAH 100: Introduction to Dance OR<br>DAH 201: World Dance Studies OR<br>DAH 250: Dance in Popular Culture OR<br>MHL 140: Survey of Music History OR<br>MHL 145: American Jazz and Popular Music OR<br>MHL 146: Survey of Broadway Musicals OR<br>MHL 153: Rock Music and Culture OR<br>THE 111: Introduction to Theatre OR<br>THE 220: Modern Drama | 3 hrs | Recommend selecting a course that also fulfills [G] if not met in AAEE Content Area Electives |
| EDU 291: Children's Literature or<br>ENH 291: Children's Literature | 3 hrs | |

Social-Behavioral Science [SB]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate of Arts Elementary Education degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Elementary Education or Elementary Education (Educating Multilingual Learners) or Special Education/Elementary Education BAE degree program and the teacher preparation program.

While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires a 2.5 GPA instead for coursework used to satisfy MAPP requirements.

| | | |
|---|---|---|
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| HIS 103: United States History to 1865 or<br>POS 113: United States and Arizona Social Studies or<br>GCU 113: United States and Arizona Social Studies | 3 hrs | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Life Sciences Course | 4 hrs | One of the two natural science courses selected must be SQ. Choose from BIO prefix. |
| Physical or Earth/Space Science Course | 4 hrs | Choose from AGS, ASM, AST, CHM, GLG, GPH, PHS, PHY. |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222 or EDU 230. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103 or GCU 113/POS 113. |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 222: Introduction to the Exceptional Learner | 3 hrs | |
| EDU 230: Cultural Diversity in Education | 3 hrs | |
| MAT 256: Investigating Quantity: Number, Operations and Numeration Systems | 4 hrs | |
| MAT 257: Investigating Geometry, Probability and Statistics | 4 hrs | |
| Select 5 credits from AAEE Content Area Elective options | 5 hrs | Recommend selecting a course with [G] if not already met by another course.<br><br>POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 227 for [SB] |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Elementary Education (Science, Technology, Engineering and Mathematics), BAE Pathway**

**2021-2022**

ASU Major: Elementary Education (Science, Technology, Engineering and Mathematics), BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review or<br>Higher level course that meets MA requirement | 3-6 hrs | Students must meet one of the following MCCCD prerequisites to take MAT256 (see Additional Lower Division Requirements section): Grade of C or better in MAT150/151/152/155/156, or MAT120/121/122 AND 140/141/142/145/146, or MAT140/141/142/145/146 AND placement test score to permit enrollment in MAT150/151/152/155/156 or higher. |
| CIS 105: Survey of Computer Information Systems or<br>BPC 110: Computer Usage & Applications or<br>CSC 180: Computer Literacy | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 100: Introduction to Art OR<br>ARH 101: Prehistoric through Gothic Art OR<br>ARH 102: Renaissance Through Contemporary Art OR<br>DAH 100: Introduction to Dance OR<br>DAH 201: World Dance Studies OR<br>DAH 250: Dance in Popular Culture OR<br>MHL 140: Survey of Music History OR<br>MHL 145: American Jazz and Popular Music OR<br>MHL 146: Survey of Broadway Musicals OR<br>MHL 153: Rock Music and Culture OR<br>THE 111: Introduction to Theatre OR<br>THE 220: Modern Drama | 3 hrs | Recommend selecting a course that also fulfills [G] if not met in AAEE Content Area Electives |
| EDU 291: Children's Literature or<br>ENH 291: Children's Literature | 3 hrs | |

Social-Behavioral Science [SB]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate of Arts Elementary Education degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Elementary Education (Science, Technology, Engineering and Mathematics) BAE degree program and the teacher preparation program.

While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires a 2.5 GPA instead for coursework used to satisfy MAPP requirements. All courses must be completed with a C or greater.

| | | |
|---|---|---|
| POS 113: United States and Arizona Social Studies or<br>GCU 113: United States and Arizona Social Studies or<br>HIS 103: United States History to 1865 | 3 hrs | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Life Sciences Course | 4 hrs | One of the two natural science courses selected must be SQ. Choose from BIO prefix. |
| Physical or Earth/Space Science Course | 4 hrs | Choose from AGS, ASM, AST, CHM, GLG, GPH, PHS, PHY. |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222 or EDU 230. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103 or GCU 113 or POS 113. |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 222: Introduction to the Exceptional Learner | 3 hrs | |
| EDU 230: Cultural Diversity in Education | 3 hrs | |
| MAT 256: Investigating Quantity: Number, Operations and Numeration Systems | 4 hrs | |
| MAT 257: Investigating Geometry, Probability and Statistics | 4 hrs | |
| Select 6-8 credits from AAEE Content Area Elective options that also meet Math or Science Track course requirements. | 6-8 hrs | Please select a math or science track. Math track students should take any math classes that have not already been applied higher than MAT 140/141/142/145/146 (except MAT 256 and 257). Science track students should take any SQ/SG lecture courses that have not already been applied and are transferable to ASU as per aztransfer.com course equivalency guide.<br><br>Recommend selecting a course with [G] if not already met by another course.<br><br>POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 227 for [SB] |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**
**Engineering, BSE Pathway**
**2021-2022**

ASU Major: Engineering, BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

Engineering Core

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| ECE 102: Engineering Analysis Tools or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | |
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4-5 hrs | |
| PHY 115: University Physics I OR<br><br>PHY 121: University Physics I: Mechanics | 4-5 hrs | |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs | |
| Humanities, Arts, and Design [HU] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Additional Lower Division Requirements

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Please use this wording for special requirements instead of what Julianne submitted on 4/19: Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Engineering BSE degree program.
A 3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. Engineering Core courses should be prioritized over Additional Lower Division Requirements. Note: Only 64 credit hours are transferable to ASU from a community college. Completion of the Engineering Core is the most efficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additional courses required.

| | | |
|---|---|---|
| CSC 120: Digital Design Fundamentals or<br>EEE 120: Digital Design Fundamentals | 4 hrs | |
| ECE 201: Introduction to Engineering Statics and<br>ECE 202: Introduction to Engineering Dynamics and<br>ECE 203: Applications of Engineering Mechanics OR<br><br>ECE 211: Engineering Mechanics-Statics and<br>ECE 212: Engineering Mechanics - Dynamics OR<br><br>ECE 214: Engineering Mechanics | 4-6 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | EEE 202 is an approved substitute for EGR 216. |
| Lower division secondary focus area | 1-6 hrs | The secondary focus area includes 12 credits (6 of which must be upper division) that form a coherent theme. Students must take two courses from the same or similar subjects, as students will take two upper division classes of the same subject at ASU. Recommended Maricopa prefixes: AEN, AMS, CAD, CNS, ECE, EEE, MET, MIT, MNT, or SMT. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**
**Engineering (Automotive Systems), BSE Pathway**
**2021-2022**

ASU Major: Engineering (Automotive Systems), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

| | | |
|---|---|---|
| Engineering Core | | |
| ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs | |
| ECE 102: Engineering Analysis Tools or ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory | 4-5 hrs | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4-5 hrs | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs | |
| PHY 115: University Physics I or PHY 121: University Physics I: Mechanics | 4-5 hrs | |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs | |
| Humanities, Arts, and Design [HU] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Additional Lower Division Requirements

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Engineering (Automotive Systems) BSE degree program. A 3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. Engineering Core courses should be prioritized over Additional Lower Division Requirements. Note: Only 64 credit hours are transferable to ASU from a community college. Completion of the Engineering Core is the most efficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additional courses required.

| | | |
|---|---|---|
| CSC 120: Digital Design Fundamentals or<br>EEE 120: Digital Design Fundamentals | 4 hrs | |
| ECE 201: Introduction to Engineering Statics and<br>ECE 202: Introduction to Engineering Dynamics and<br>ECE 203: Applications of Engineering Mechanics OR<br><br>ECE 211: Engineering Mechanics-Statics and<br>ECE 212: Engineering Mechanics - Dynamics OR<br><br>ECE 214: Engineering Mechanics | 4-6 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | EEE 202 is an approved substitute for EGR 216. |
| Lower division secondary focus area | 1-6 hrs | The secondary focus area includes 12 credits (6 of which must be upper division) that form a coherent theme. Students must take two courses from the same or similar subjects, as students will take two upper division classes of the same subject at ASU. Recommended Maricopa prefixes: AEN, AMS, CAD, CNS, ECE, EEE, MET, MIT, MNT, or SMT. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**
**Engineering (Electrical Systems), BSE Pathway**
**2021-2022**

ASU Major: Engineering (Electrical Systems), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

Engineering Core

| | | |
|---|---|---|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory | 4-5 hrs | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4-5 hrs | |
| ECE 102: Engineering Analysis Tools or ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | |
| ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs | |
| PHY 115: University Physics I or PHY 121: University Physics I: Mechanics | 4-5 hrs | For Associate in Science degree, Natural Sciences must be met by choosing either the CHM or PHY series. |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs | |
| Humanities, Arts, and Design [HU] and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Additional Lower Division Requirements

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Engineering (Electrical Systems) BSE degree program.
A 3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. Engineering Core courses should be prioritized over Additional Lower Division Requirements.
Note: Only 64 credit hours are transferable to ASU from a community college. Completion of the Engineering Core is the most efficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additional courses required.

| | | |
|---|---|---|
| CSC 120: Digital Design Fundamentals or<br>EEE 120: Digital Design Fundamentals | 4 hrs | |
| ECE 201: Introduction to Engineering Statics and<br>ECE 202: Introduction to Engineering Dynamics and<br>ECE 203: Applications of Engineering Mechanics OR<br><br>ECE 211: Engineering Mechanics-Statics and<br>ECE 212: Engineering Mechanics - Dynamics OR<br><br>ECE 214: Engineering Mechanics | 4-6 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | EEE 202 is an approved substitute for EGR 216. |
| Lower division secondary focus area | 1-6 hrs | The secondary focus area includes 12 credits (6 of which must be upper division) that form a coherent theme. Students must take two courses from the same or similar subjects, as students will take two upper division classes of the same subject at ASU. Recommended Maricopa prefixes: AEN, AMS, CAD, CNS, ECE, EEE, MET, MIT, MNT, or SMT. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**

**Engineering (Mechanical Engineering Systems), BSE Pathway**

**2021-2022**

ASU Major: Engineering (Mechanical Engineering Systems), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

| | |
|---|---|
| Engineering Core | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |
| ECE 102: Engineering Analysis Tools or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs |
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory | 4-5 hrs |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II OR<br><br>CHM 154: General Chemistry II with Qualitative Analysis and<br>CHM 154LL: General Chemistry II with Qualitative Laboratory | 4-5 hrs |
| PHY 115: University Physics I OR<br><br>PHY 121: University Physics I: Mechanics | 4-5 hrs |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs |

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Please use this wording for special requirements: Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Engineering (Mechanical Engineering Systems) BSE degree program.
A 3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. Engineering Core courses should be prioritized over Additional Lower Division Requirements.
Note: Only 64 credit hours are transferable to ASU from a community college. Completion of the Engineering Core is the most efficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additional courses required.

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs | |
| ECE 201: Introduction to Engineering Statics and ECE 202: Introduction to Engineering Dynamics and ECE 203: Applications of Engineering Mechanics OR<br><br>ECE 211: Engineering Mechanics-Statics and ECE 212: Engineering Mechanics - Dynamics OR<br><br>ECE 214: Engineering Mechanics | 4-6 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | EEE 202 is an approved substitute for EGR 216. |
| Lower division secondary focus area | 1-6 hrs | The secondary focus area includes 12 credits (6 of which must be upper division) that form a coherent theme. Students must take two courses from the same or similar subjects, as students will take two upper division classes of the same subject at ASU. Recommended Maricopa prefixes: AEN, AMS, CAD, CNS, ECE, EEE, MET, MIT, MNT, or SMT. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**
**Engineering (Robotics), BSE Pathway**
**2021-2022**

ASU Major: Engineering (Robotics), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Engineering Core

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| ECE 102: Engineering Analysis Tools or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | |
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory | 4-5 hrs | |

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Engineering (Robotics) BSE degree program.
A 3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. Engineering Core courses should be prioritized over Additional Lower Division Requirements.
Note: Only 64 credit hours are transferable to ASU from a community college. Completion of the Engineering Core is the most efficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additional courses required.

| | | |
|---|---|---|
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II OR<br><br>CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | 4-5 hrs | |
| PHY 115: University Physics I OR<br><br>PHY 121: University Physics I: Mechanics | 4-5 hrs | |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs | |
| Humanities, Arts, and Design [HU] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs | |
| ECE 201: Introduction to Engineering Statics and ECE 202: Introduction to Engineering Dynamics and ECE 203: Applications of Engineering Mechanics OR<br><br>ECE 211: Engineering Mechanics-Statics and ECE 212: Engineering Mechanics - Dynamics OR<br><br>ECE 214: Engineering Mechanics | 4-6 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | EEE 202 is an approved substitute for EGR 216. |
| Lower division secondary focus area | 1-6 hrs | The secondary focus area includes 12 credits (6 of which must be upper division) that form a coherent theme. Students must take two courses from the same or similar subjects, as students will take two upper division classes of the same subject at ASU. Recommended Maricopa prefixes: AEN, AMS, CAD, CNS, ECE, EEE, MET, MIT, MNT, or SMT. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**
**Engineering Management, BSE Pathway**
**2021-2022**

ASU Major: Engineering Management, BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies (L and SB) or (L and HU), or (L and COM), or (L and CRE101) requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| SSH 111: Sustainable Cities | 3 hrs | Use to satisfy Humanities and Fine Arts [HU] and Global Engineering/Sustainability/Entrepreneurship Course Requirement. Also satisfies Global Awareness [G]. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| COM 263: ELEMENTS OF INTERCULTURAL COMM | 3 hrs | |
| PSY 101: Introduction to Psychology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | Course can be used to satisfy basic science requirement for major. |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory | 4 hrs | |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate of Science degree and AGEC-S, meets major map requirements at ASU, and guarantees admission to the Engineering Management, BSE degree program.

Note: Engineering Core courses should be prioritized over Additional Lower Division Requirements. Only 64 credit hours are transferable to ASU from a community college.

Special Requirements: 2.75 GPA in course work used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by COM 263. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by SSH 111. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| CSC 205: Object Oriented Programming a or<br>CSC 205AA: Object Oriented Programming a or<br>CSC 205AB: Object Oriented Programming a | 3-4 hrs | |
| CSC 110: Introduction to Computer Scie or<br>CSC 110AA: Introduction to Computer Scie or<br>CSC 110AB: Intro to Computer Science (JA | 3-4 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools an AND<br><br>ECE 103: Engineering Problem Solving a or<br>ECE 103AB: Engineering Problem Solving a or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4 hrs | PHY 115 can also be used to satisfy this requirement. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**

**English, BA Pathway**

**2021-2022**

ASU Major: English, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 200: READING and WRITING ABOUT LITERATURE | 3 hrs | Satisfies ASU English Core Requirement. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ENH 221: SURVEY OF ENGLISH LIT BEFORE 1800 | 3 hrs | Partially satisfies the ASU ENG distribution requirement. |
| ENH 222: SURVEY OF ENGLISH LIT AFTER 1800 | 3 hrs | Partially satisfies the ASU ENG distribution requirement. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by ENH 241. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by ENH 222. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in English (Literature) degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the English, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ENG 213: Introduction to the Study of Language | 3 hrs | Partially satisfies the ASU ENG distribution requirement. |
| ENH 241: American Literature Before 1860 | 3 hrs | Partially satisfies the ASU ENG distribution requirement. |
| ENH 242: American Literature After 1860 | 3 hrs | Partially satisfies the ASU ENG distribution requirement. |
| English Elective | 9 hrs | Select three ENG/ENH courses that transfer to ASU as ENG departmental elective. |
| Lower Division Elective | 0-7 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**English, BA Pathway**

**2021-2022**

ASU Major: English, BA | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 200: READING & WRITING ABOUT LITER | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review | 3-6 hrs | A higher-level course that meets [MA] requirement is also acceptable. |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ENH 222: SURVEY OF ENGLISH LITERATURE BEFORE 1800 | 3 hrs | Satisfies 2** ENG Literature Course requirement. |
| ENH 242: American Literature After 1860 | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in English (Literature) degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the English, BA degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| 2** ENG Writing Course | 3 hrs | Select one of the following courses: ENG 210, ENG 215 or ENG 216 |
| Lower Division Elective | 4-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**English (Creative Writing), BA Pathway**
**2021-2022**

ASU Major: English (Creative Writing), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 200: READING and WRITING ABOUT LITERATURE | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| American Literature Course | 3 hrs | Humanities and Fine Arts - Students should choose a course from the American Literature Courses list below that also carries the HU general studies designation. |
| American Literature Course | 3 hrs | Humanities and Fine Arts - Students should choose a course from the American Literature Courses list that also carries the HU general studies designation. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts, Emphasis in English (Creative Writing) degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the English (Creative Writing) BA degree program.

Special Requirements: 3.0 GPA in English courses beyond First Year Composition (ENG, ENH, CRW MAPP requirements). 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

After transfer to ASU: Before continuing into the 400-level courses required to complete the creative writing concentration, students must successfully pass a portfolio review. Students who do not successfully pass this milestone may complete the English major by concentrating in Literature or Linguistics.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CRW 160: Introduction to Writing Poetry | 3 hrs | |
| CRW 170: Introduction to Writing Fiction | 3 hrs | |
| ENG Elective or<br>ENH Elective or<br>CRW Elective | 3 hrs | Select one course (3 hours) that transfers to ASU with an ENG prefix, excluding ENG 101, ENG 102, ENG 107 and ENG 108. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Foreign Language Requirement: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

## Track/Groups

American Literature Course

| American Literature Course |
|---|
| ENH 190: Introduction to US Ethnic Literature or<br>ENH 241: AMERICAN LITERATURE BEFORE 1860 or<br>ENH 242: American Literature After 1860 or<br>ENH 255: CONTEMPORARY U.S. LIT and FILM or<br>ENH 259: American Indian Literature or<br>ENH 260: Literature of the Southwest |

# Pathway Agreement

Print

**Maricopa Community College District**
**English (Linguistics), BA Pathway**
**2021-2022**

ASU Major: English (Linguistics), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| ENG 200: READING and WRITING ABOUT LITERATURE | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ENG 213: Introduction to the Study of Language or<br>SLC 201: Introduction to Linguistics | 3 hrs | ENG 213 can be applied as HU or SB, but not both. |
| ENH 221: SURVEY OF ENGLISH LITERATURE BEFORE 1800 or<br>ENH 222: SURVEY OF ENGLISH LITERATURE BEFORE 1800 or<br>ENH 241: American Literature Before 1860<br>or<br>ENH 242: American Literature After 1860 | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | ENG 213 can be applied as HU or SB, but not both. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in English (Literature) and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU, and guarantees admission to the English (Linguistics) BA degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester language proficiency. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**English (Literature), BA Pathway**
**2021-2022**

ASU Major: English (Literature), BA | College of Liberal Arts and Sciences

## Pathway Requirements

| | | |
|---|---|---|
| **First Year Composition [FYC]** | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| **Literacy and Critical Inquiry [L]** | | |
| ENG 200: Reading and Writing About Literature | 3 hrs | |
| **Mathematical Studies [MA, CS]** | | |
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |
| **Humanities, Arts, and Design [HU]** | | |
| ENH 222: Survey of English Literature After 1800 | 3 hrs | |
| ENH 242: American Literature After 1860 | 3 hrs | |
| **Social-Behavioral Science [SB]** | | |
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |
| **Natural Science [SQ, SG]** | | |
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |
| **General Education Awareness Areas [C, H, G]** | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in English (Literature) degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the English (Literature), BA degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ENH 221: Survey of English Literature Before 1800 or<br>ENH 241: American Literature Before 1860 | 3 hrs | |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester language proficiency. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**English (Secondary Education), BA Pathway**
**2021-2022**

ASU Major: English (Secondary Education), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| ENG 200: READING and WRITING ABOUT LITERATURE | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| CSC 180: Computer Literacy or<br>CSC 180aa: Computer Literacy or<br>CSC 180ab: Computer Literacy or<br>CIS 105: Survey of Computer Information Systems or<br>BPC 110: Computer Usage & Applications | 3-4 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| ENH 221: SURVEY OF ENGLISH LIT BEFORE 1800 | 3 hrs |
| ENH 222: SURVEY OF ENGLISH LIT AFTER 1800 | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| EDU 222: Introduction to the Exceptional Learner | 3 hrs |
| SLC 201: Introduction to Linguistics or<br>ENG 213: Introduction to the Study of Language | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the English (Secondary Education) BA degree program.

Special Requirements: 2.5 cumulative transfer GPA. All courses must be completed with a grade of "C" or better.

Fingerprint clearance and a background check is required in the second year of the program. We recommend you speak to a College of Liberal Arts Advisor to discuss these requirements further: englishadvising@asu.edu

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | [C] met by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | [H] met by ENH 222. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ENH 241: AMERICAN LITERATURE BEFORE 1860 | 3 hrs | |
| ENH 242: American Literature After 1860 | 3 hrs | |
| HIS 103: United States History to 1865 OR<br><br>POS 110: American National Government OR<br><br>GCU/POS 113 (GCU/POS 227 prior to 2016) OR<br><br>POS 220: U.S. and Arizona Constitution or<br>POS 222: U.S. Constitution | 2-3 hrs | Meets the state teacher certification requirement for US Constitution. POS 113 or POS 220 also meets the state teacher certification for Arizona Constitution. |
| POS 221: Arizona Constitution | 0-1 hrs | Meets the state teacher certification requirement for AZ Constitution if took HIS 103, POS 110, or POS 222. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | |
| Lower Division Elective | 0-17 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Environmental Design, BS Pathway**
**2021-2022**

ASU Major: Environmental Design, BS | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra / Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus | 5-9 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Students wishing to transfer into Architectural Studies must complete ALA 235 at ASU; students wishing to transfer into Interior Design must complete INT 121 at ASU. In order to complete the AGEC and AA prior to transfer, the Maricopa Computer/Statistics/Quantitative Applications [CS] requirement must be fulfilled. Students completing ALA 235 or INT 121 will therefore need to complete two [CS] courses.

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |

Recommend selecting a course which satisfies [HU] and awareness area [C, H, or G] requirements simultaneously. INT 115 or INT 120 will fulfill requirement. **Students wishing to transfer to Interior Design should take ARH 102.

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 212: Microeconomic Principles or<br>PSY 101: Introduction to Psychology | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Recommend selecting a course which satisfies [SB] and awareness area [C, H, or G] requirements simultaneously. **Students wishing to transfer to Industrial Design should take PSY 101 and ECN 212.

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Environmental Design BS degree program.

The MAPP for the BS in Environmental Design is provided as a transfer pathway for students wishing to complete their BS in Environmental Design at Arizona State University. The BS in Environmental Design is a pathway for the 3+ graduate programs in Architecture, Industrial Design, Interior Architecture, Landscape Architecture and Visual Communication Design offered through The Design School. These programs are studio Master's Degree programs that students with a Bachelor's Degree in any discipline can apply for. The options for these programs can be seen on The Design School's graduate degrees page https://design.asu.edu/degree-programs/gradua

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 101: Introduction to Physics or<br>PHY 111: General Physics I or<br>GPH 111: Introduction to Physical Geography and<br>GPH 112: Introduction to Physical Geography Lab | 4 hrs | Students wishing to transfer to Architectural Studies or Interior Design must complete PHY 101. Students wishing to transfer to Industrial Design must complete PHY 111. Students wishing to transfer to Landscape Architecture must complete GPH 111 and GPH 112. |
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend combining [C] requirement with [SB, HU, or L]. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend combining [H] or [G] requirement with [SB, HU, or L]. |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| ARC 100: Intro to Environmental Design or<br>INT 105: Introduction to Interior Design or<br>INT 115: Historical Architecture and Furniture or<br>INT 225: History of Decorative Arts or<br>INT 235: Universal Design | 3 hrs | Take one of the suggested courses to meet Design Culture and Literacy I requirements. |
| ARC 100: Intro to Environmental Design or<br>CNS 101: Construction and Culture or<br>INT 105: Introduction to Interior Design or<br>INT 120: Modern Architecture and Furniture or<br>INT 150: Color and Design or<br>PHI 103: Introduction to Logic or<br>PHI 105: Introduction to Ethics | 3 hrs | Take one of the suggested courses to meet Design Culture and Literacy II requirements. |
| ARC 120: Design Fundamentals I or<br>ART 181: Graphic Design I or<br>INT 140: Introduction to CAD for Interior Design or<br>INT 145: Drawing and Rendering | 3 hrs | Take one of the suggested courses to meet Design Fundamentals and Principles I |
| ARC 150: Architectural Desktop I or<br>ARC 160: Site Planning or<br>ART 182: Graphic Design II or<br>INT 190: Space Planning or<br>INT 205: Residential Design | 3 hrs | Take one of the suggested courses to meet Design Fundamentals and Principles II |
| SUS 100: Introduction to Sustainability | 3 hrs | |
| Lower Division Elective | 0-8 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Environmental Science, BA Pathway**
**2021-2022**

ASU Major: Environmental Science, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus | 5-9 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| SSH 111: Sustainable Cities | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 212: Microeconomic Principles | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4-5 hrs |
| BIO 182: General Biology (Majors) II | 4 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Sustainability and Environmental Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Environmental Science, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by SSH 111. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II OR<br><br>CHM 154: General Chemistry II with Qualitative Analysis and<br>CHM 154LL: General Chemistry II with Qualitative Laboratory | 4-5 hrs | |
| CHM 230: Fundamental Organic Chemistry or<br>CHM 230LL: Fundamental Organic Chemistry Laboratory | 4 hrs | |
| GLG 101: Introduction to Geology I - Physical Lecture and<br>GLG 103: Introduction to Geology I - Physical Lab or<br>GLG 101IN: Introduction to Geology I - Physical | 4 hrs | |
| GPH 210: Society and Environment | 3 hrs | |
| PHY 101: Introduction to Physics or<br>PHY 101AA: Introduction to Physics | 4-5 hrs | |
| ECN 211: Macroeconomic Principles or<br>HON 201: Leadership Development: Historical and Contemporary Perspectives or<br>MGT 229: Management and Leadership I or<br>MGT 246: Principles of Project Management or<br>POS 110: American National Government or<br>SUS 230: Practical Skills for Sustainability Problem Solving or<br>TQM 240: Project Management in Quality Organizations | 3-6 hrs | Select up to two courses prior to transfer. These courses will fulfill part of ASU's three-course (nine-credit) Social Science Elective requirement. |

Total Required Credits: 63

# Pathway Agreement

Print

**Maricopa Community College District**
**Environmental Science, BS Pathway**
**2021-2022**

ASU Major: Environmental Science, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra / Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra / Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra / Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus OR<br><br>MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 3-9 hrs |
| MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>GBS 221: Business Statistics | 3 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| SSH 111: Sustainable Cities | 3 hrs | SSH 111 may be used to satisfy 3 credits of either the [HU] or [SB] AGEC requirement. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Sustainability and Environmental Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Environmental Science, BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4-5 hrs | |
| BIO 182: General Biology (Majors) II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |
| CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistr<br>OR<br><br>CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I La | 4 hrs | |
| GLG 101: Introduction to Geology I - Physical Lecture and<br>GLG 103: Introduction to Geology I - Physical Lab | 4 hrs | |
| PHY 101: Introduction to Physics or<br>PHY 101AA: Introduction to Physics | 4-5 hrs | |
| Track Focus Elective Course | 3-4 hrs | The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group. HON 201 and SUS 110 can be used to satisfy [SB] AGEC requirements simultaneously. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 64

## Track/Groups

Track Focus Elective Course

| Track Focus Elective Course | |
|---|---|
| HON 201: Leadership Development: Historical and Contemporary Perspect or<br>MGT 229: Management and Leadership I OR | Business/Leadership |

| | |
|---|---|
| MGT 246: PRINCIPLES OF PROJECT Management or<br>TQM 240: Project Management In Quality Orgs OR | Track Focus Elective Course |
| SUS 230: Practical Skills for Sustainability Problem Solving | Track Focus Elective Course |
| SUS 110: Sustainable World | Ecosystem/Global Change |
| CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry II Lab | Chemistry/Toxicology |

# Pathway Agreement

Print

**Maricopa Community College District**

**Environmental and Resource Management, BS Pathway**

**2021-2022**

ASU Major: Environmental and Resource Management, BS | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 3-4 hrs | |
| MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>GBS 221: Business Statistics or<br>PSY 230: Introduction to Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Selecting courses that also satisfy [H] is recommended. |
| Humanities, Arts, and Design [HU] | 3 hrs | Selecting courses that also satisfy [H] is recommended. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | Selecting a course that also satisfies [C] is recommended. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152AA: General Chemistry II OR<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory | 4 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements satisfies the requirements for MCCCD Associate of Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Environmental and Resource Management, BS degree program within The Polytechnic School in the Ira A. Fulton Schools of Engineering.

| General Education Awareness Areas [C, H, G] | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical [H] or Global Awareness [G] | 0-3 hrs | |

| MCCCD Additional Requirements | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| Additional Lower Division Requirements | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4-5 hrs | |
| CHM 230: Fundamental Organic Chemistry | 3 hrs | CHM 230 - Associated lab not required. |
| PHY 111: General Physics I or<br>PHY 111AA: General Physics I | 4-5 hrs | |
| WRT 153: Environmental Law and Regulations | 3 hrs | |
| Science, Math, Engineering or Management Electives | 8-12 hrs | Select a course that transfers to ASU with any of the following prefixes: ABS, AGB, BIO, CEE, CHM, CIS, CSE, CST, ECN, EDT, EGR, ERM, FSE, GIS, GLG, GPH, HSE, IFT, MAT, MFG, OMT, PHY, PUP, SOS, TEM, or TMC. |
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Exercise and Wellness, BS Pathway**
**2021-2022**

ASU Major: Exercise and Wellness, BS | College of Health Solutions

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| EXS 290: Introduction to Evidence-Based Practice | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus | 3-9 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>PSY 230: Introduction to Statistics | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| PSY 101: Introduction to Psychology | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Per Maricopa degree requirements, HES 100 is recommended.

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Exercise and Wellness BS degree program.

| | | |
|---|---|---|
| BIO 201: Human Anatomy and Physiology I<br>or<br>BIO 201XT: Human Anatomy and Physiology I | 4 hrs | |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 202: Human Anatomy and Physiology II | 4 hrs | |
| EXS 101: Introduction to Exercise Science | 3 hrs | |
| EXS 215: Fitness for Life | 3 hrs | |
| EXS 217: Cardiorespiratory and Flexibility Training | 3 hrs | |
| FON 241: Principles of Human Nutrition OR<br><br>FON 241: Principles of Human Nutrition and<br>FON 241LL: Principles of Human Nutrition Laboratory | 3-4 hrs | |
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. EXS 125 Introduction to Exercise Physiology should be taken at the recommendation of the community college. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Exploratory Health and Life Sciences, BNODEG Pathway**

**2021-2022**

ASU Major: Exploratory Health and Life Sciences, BNODEG | College of Integrative Sciences and Arts

## Pathway Requirements

### First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Course selection for individual general studies requirements [L, HU, SB, SG/SQ, C, G & H] should be made in consultation with the student's Academic Advisor. Course suggestions will be made based on major of interest. |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review | 3-6 hrs | MAT 142 is the minimum math required for completion of the AGEC-A. Students should consult with an academic advisor to determine if their major of interest requires a higher level math course. |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

### Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the Exploratory Pathway and all special requirements satisfies the requirements for MCCCD AGEC-A. Students should work with their academic advisor in completing general studies requirements and select courses based on their major of interest. Please consult with your academic advisor to learn more about selecting a major of interest.

Students following the Exploratory Pathway are encouraged to sign up for a MAPP in their major of interest by the time they complete 30 credit hours towards the Exploratory Pathway.

Special Requirements: 2.0 GPA in course work used to satisfy Exploratory Pathway requirements. All courses must be completed with a grade of "C" or better.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CPD 102AB: Career Exploration | 0-2 hrs | |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Exploratory Humanities, Fine Arts and Design, BNODEG Pathway**

**2021-2022**

ASU Major: Exploratory Humanities, Fine Arts and Design, BNODEG | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Course selection for individual general studies requirements [L, HU, SB, SG/SQ, C, G & H] should be made in consultation with the student's Academic Advisor. Course suggestions will be made based on major of interest. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review | 3-6 hrs | MAT 142 is the minimum math required for completion of the AGEC-A. Students should consult with an academic advisor to determine if their major of interest requires a higher level math course. |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the Exploratory Pathway and all special requirements satisfies the requirements for MCCCD AGEC-A. Students should work with their academic advisor in completing general studies requirements and select courses based on their major of interest. Please consult with your academic advisor to learn more about selecting a major of interest.

Students following the Exploratory Pathway are encouraged to sign up for a MAPP in their major of interest by the time they complete 30 credit hours towards the Exploratory Pathway.

Special Requirements: 2.0 GPA in course work used to satisfy Exploratory Pathway requirements. All courses must be completed with a grade of "C" or better.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CPD 102AB: Career Exploration | 0-2 hrs | Students who are exploring career and major options are strongly encouraged to complete CPD 102AB in first semester. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Exploratory Math, Physical Sciences, Engineering and Technology, BNODEG Pathway**

**2021-2022**

ASU Major: Exploratory Math, Physical Sciences, Engineering and Technology, BNODEG | College of Integrative Sciences and Arts

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | Complete MAT 220 or 221 or any mathematics course for which MAT 220 or 221 is a prerequisite. Students should consult with an academic advisor to determine if their major of interest requires a higher level math course. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Course selection for individual general studies requirements [L, HU, SB, SG/SQ, C, G & H] should be made in consultation with the student's Academic Advisor. Course suggestions will be made based on major of interest. |
| Humanities, Arts, and Design [HU] | 3 hrs | Course selection for individual general studies requirements [L, HU, SB, SG/SQ, C, G & H] should be made in consultation with the student's Academic Advisor. Course suggestions will be made based on major of interest. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the Exploratory Pathway and all special requirements satisfies the requirements for MCCCD AGEC-S. Students should work with their academic advisor in completing general studies requirements and select courses based on their major of interest. Please consult with your academic advisor to learn more about selecting a major of interest.

Students following the Exploratory Pathway are encouraged to sign up for a MAPP in their major of interest by the time they complete 30 credit hours towards the Exploratory Pathway.

| | | |
|---|---|---|
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>PHY 115: University Physics I or PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR<br><br>BIO 181: General Biology (Majors) I | 4 hrs | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR<br><br>PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism OR<br><br>BIO 182: General Biology (Majors) II | 4 hrs | |

### Subject Options

| | | |
|---|---|---|
| Subject Options | 6-8 hrs | Using the Transfer Guide, select mathematics courses above calculus, and/or select science courses. |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| CPD 102AB: Career Exploration | 2 hrs | Students who are exploring career and major options are strongly encouraged to complete CPD 102AB in first semester. |
| Lower Division Elective | 0-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Exploratory Social and Behavioral Sciences, BNODEG Pathway**

**2021-2022**

ASU Major: Exploratory Social and Behavioral Sciences, BNODEG | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Course selection for individual general studies requirements [L, HU, SB, SG/SQ, C, G & H] should be made in consultation with the student's Academic Advisor. Course suggestions will be made based on major of interest. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review | 3-6 hrs | MAT 142 is the minimum math required for completion of the AGEC-A. Students should consult with an Academic Advisor to determine if their major of interest requires a higher level math course. |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the Exploratory Pathway and all special requirements satisfies the requirements for MCCCD AGEC-A. Students should work with their academic advisor in completing general studies requirements and select courses based on their major of interest. Please consult with your academic advisor to learn more about selecting a major of interest.

Students following the Exploratory Pathway are encouraged to sign up for a MAPP in their major of interest by the time they complete 30 credit hours towards the Exploratory Pathway.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CPD 102ab: Career Exploration | 0-2 hrs | Students who are exploring career and major options are strongly encouraged to complete CPD 102AB in first semester. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Family and Human Development, BS Pathway**
**2021-2022**

ASU Major: Family and Human Development, BS | College of Liberal Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

### Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

### Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social<br>Research/Justice and Government or<br>PSY 230: Introduction to Statistics | 3 hrs |

### Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

### Social-Behavioral Science [SB]

| | |
|---|---|
| CFS 205: Human Development | 3 hrs |
| CFS 112: Personal Growth and Family Relations | 3 hrs |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Family Life Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Family and Human Development BS degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| SOC Elective or<br>PSY Elective | 6 hrs | Select six credits of SOC and/or PSY courses. |
| CFS 210: Family Life Education | 3 hrs | Required for AA, Emphasis in Family Life Education. Applies to the BS degree as FAS Departmental Elective. |
| Lower Division Elective | 5-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Fashion, BA Pathway**

**2021-2022**

ASU Major: Fashion, BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| COM 225: Public Speaking | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| ARH 102: Renaissance Through Contemporary Art or<br>INT 105: Introduction to Interior Design or<br>ARH 100: Introduction to Art or<br>ARH 101: Prehistoric through Gothic Art or<br>ARH 115: History of Photography or<br>ARH 145: History of American Indian Art or<br>ARH 201: Art of Asia or<br>ARH 217: Mexican Art History | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| TEC 105: Cultural Aspects of Clothing | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate of Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Fashion, BA degree program.

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | | |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| ART 100: Introduction to Computer Graphic Art or<br>ART 169: Two-Dimensional Computer Design or<br>ART 117: Life Drawing II or<br>CIS 120DB: Computer Graphics: Adobe Illustrator or<br>INT 200: Digital Rendering for Design | | 2 hrs | Satisfies ASU's Adobe Creative software requirement |
| ART 111: Drawing I or<br>ART 290BC: Studio Art: Drawing | | 3 hrs | Satisfies ASU's Art drawing requirement. |
| TEC 111: Clothing Construction | 3 hrs | | |
| TEC 125: Fashion Design | 3 hrs | | |
| TEC 134: Fashion Illustration I or<br>TEC 139: Fashion Illustration: Children's Wear | 3 hrs | | |
| TEC 221: Computer-Assisted Fashion Design | 3 hrs | | |
| TEC 222: Textiles | 3 hrs | | |
| Fashion Elective | | 3-5 hrs | Herberger Institute for Design and the Arts approves any transferable TEC topics to apply as Fashion Electives. TEC/MKT 109, TEC/MKT 200, TEC 113, TEC 114, TEC 115, TEC 120, TEC 129, TEC 151, TEC 221, TEC 224, TEC 225, TEC 226, TEC 240, or MKT 274 AC are all recommended courses for this requirement. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Film (Film and Media Studies), BA Pathway**
**2021-2022**

ASU Major: Film (Film and Media Studies), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Film (Film & Media Studies) B.A. degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. |
| Lower Division Elective | 0-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Film (Filmmaking Practices), BA Pathway**
**2021-2022**

ASU Major: Film (Filmmaking Practices), BA | Herberger Institute for Design and the Arts

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| HUM 205: Introduction to Cinema or<br>THF 205: Introduction to Cinema | 3 hrs | |
| HUM 210: Contemporary Cinema or<br>THF 210: Contemporary Cinema | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | It is recommended to select a course which satisfies [SB] and awareness area [C, H, or G] requirements simultaneously. |
| Social-Behavioral Science [SB] | 3 hrs | It is recommended to select a course which satisfies [SB] and awareness area [C, H, or G] requirements simultaneously. |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | [C] may be used to simultaneously fulfill other AGEC requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | [H] and [G] may be used to simultaneously fulfill other AGEC requirements. |

### MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, guarantees admission to the Film (Filmmaking Practices) BA degree program, and meets specific major map requirements for this degree program only.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ART 279: Media Productions II or<br>FMP 105: Studio Production or<br>FMP 108: Video Production | 3 hrs | |
| FMP 111: Screenwriting I and<br>FMP 211: Course Title Not Available OR<br><br>FMT 121: Story Theory for Film, Television and Media | 3-6 hrs | |
| FMT 251: Advanced Studio Production | 3 hrs | |
| TCM 241: AVID Media Composer Editing | 0-4 hrs | Up to 9 credits of prerequisites for this course may be applied to lower division electives. Students are urged to start the sequence of prerequisites early in their program of study. Be advised: if completing FMP 220 at ASU, instructor override approval is needed to enroll in the course. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. Recommend meeting prerequisites for TCM 241 within these elective credits. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Finance, BS Pathway**

**2021-2022**

ASU Major: Finance, BS | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information<br>and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Food and Nutrition Entrepreneurship, BS Pathway**
**2021-2022**

ASU Major: Food and Nutrition Entrepreneurship, BS | College of Health Solutions

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | COM 225 will fulfill this requirement. |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>any course that meets (MA) general studies requirement | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| CHM 130: Fundamental Chemistry and<br>CHM 130LL: Fundamental Chemistry Laborat OR<br><br>CHM 130AA: Fundamental Chemistry with Lab | 4 hrs |
| BIO 160: Intro To Human Anatomy & Physiology OR<br><br>BIO 205: Microbiology | 4 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Food and Nutrition Entrepreneurship B.S. degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| FON 100: Introductory Nutrition or<br>FON 241: Principles of Human Nutrition | 3 hrs | |
| FON 142AB: Applied Food Principles | 3 hrs | |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Forensic Science, BS Pathway**

**2021-2022**

ASU Major: Forensic Science, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 3-5 hrs | If MAT 212 or 213 is taken to meet this MA requirement, students must also take MAT 182 or MAT 187, or be eligible for MAT 220 or MAT 221 by appropriate placement test score, or have completed a year of high school trigonometry with a grade of "C" or better to meet the prerequisite for PHY 111. |
| MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>GBS 221: Business Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| AJS 101: Introduction To Criminal Just | 3 hrs | |
| PSY 101: Introduction to Psychology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Forensics BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I Laboratory | 4 hrs | |
| CHM 236: General Organic Chemistry II and<br>CHM 236LL: General Organic Chemistry II Laboratory | 4 hrs | |
| PHY 111: General Physics I | 4 hrs | |
| PHY 112: General Physics II | 4 hrs | |
| Lower Division Elective | 0-1 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**French, BA Pathway**

**2021-2022**

ASU Major: French, BA | College of Liberal Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Select a course that also fulfills [C] |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ENG 213: Introduction to the Study of Language or<br>SLC 201: Introduction to Linguistics | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ course within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Fulfilled by [HU] |
| Historical or Global Awareness [H] or [G] | 0 hrs | Fulfilled by ASU's FRE 101 |

### MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the French BA degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| FRE 101: Elementary French I or<br>FRE 101AA: Elementary French I | 4 hrs | |
| FRE 102: Elementary French II or<br>FRE 102AA: Elementary French II | 4 hrs | |
| FRE 201: Intermediate French I | 4 hrs | |
| FRE 202: Intermediate French II | 4 hrs | |
| ITA 101: Elementary Italian I or<br>ITA 101AA: Elementary Italian I | 4 hrs | |
| Lower Division Elective | 0-5 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**General Studies, BA Pathway**

**2021-2022**

ASU Major: General Studies, BA | College of Integrative Sciences and Arts

## Pathway Requirements

### First Year Composition

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry

| | | |
|---|---|---|
| Literacy and Critical Inquiry | 3 hrs | |

### Mathematical Studies

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics and<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications | 3 hrs | Complete one course that transfers to ASU with a CS designation. |

### Humanities, Arts, and Design

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | Students are encouraged to choose courses from different disciplines for the Humanities [HU] requirements. Courses must transfer to ASU with an [HU] designation. |
| Humanities, Arts, and Design | 3 hrs | |

### Social-Behavioral Science

| | | |
|---|---|---|
| Social-Behavioral Science | 3 hrs | Students are encouraged to choose courses from different disciplines for the Social and Behavioral Sciences [SB] requirements. Courses must transfer to ASU with an [SB] designation. |
| Social-Behavioral Science | 3 hrs | |

### Natural Science

| | | |
|---|---|---|
| Natural Science | 4 hrs | ASU requires completion of two Lab Science courses. At least one course must be an SQ. |
| Natural Science | 4 hrs | |

### AGEC Awareness Areas

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the General Studies BGS degree program.

View Bachelor of Arts in General Studies clusters at: https://cisa.asu.edu/general-studies/degree-clus . Students must complete the MAPP and all special requirements, must have the Arizona General Education Curriculum (AGEC) certified on their transcript and must have their Associate in Arts (AA) completed and noted on their transcripts. Students satisfying these criteria meet ASU major map requirements and are guaranteed admission to the General Studies BGS degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 11-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. Recommend selecting courses that fulfill BGS cluster requirement. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Geographic Information Science, BS Pathway**
**2021-2022**

ASU Major: Geographic Information Science, BS | The College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus | 5-9 hrs |
| GIS 205: Geographic Information Technologies | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ course within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Geography degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Geographic Information Science, BS degree program.

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

| | |
|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs |

| | | |
|---|---|---|
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | |
|---|---|
| GIS 211: Geographic Information Science I | 4 hrs |
| Lower Division Elective | 3-19 hrs |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Geography, BA Pathway**

**2021-2022**

ASU Major: Geography, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| GIS 205: Geographic Information Technologies | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| GCU 121: World Geography I: Eastern Hemisphere and<br>GCU 122: World Geography II: Western Hemisphere | 6 hrs | GCU 121 and 122 are both required in order to receive credit for GCU 121 at ASU. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| GPH 111: Intro to PHYSICAL GEOGRAPHY<br>and<br>GPH 112: Introduction to Physical Geography Lab OR<br><br>GPH 113: Introduction to Physical Geography | 4 hrs | |
| GPH 211: Landform Processes OR<br><br>GPH 212: Introduction to Meteorology I and<br>GPH 214: Introduction to Meteorology Laboratory I OR<br><br>GPH 213: Climate and Weather and<br>GPH 215: Climate and Weather Laboratory | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Emphasis in Geography degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Geography, BA degree program.

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Satisfied by GCU 102, 121, 122. |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| GCU 102: Intro to HUMAN GEOGRAPHY | 3 hrs | | |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | | 0-16 hrs | For Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. |
| Lower Division Elective | | 0-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Geography, BS Pathway**

**2021-2022**

ASU Major: Geography, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| GIS 205: Geographic Information Technologies | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| GCU 121: World Geography I: Eastern Hemisphere or<br>GCU 122: World Geography II: Western Hemisphere | 6 hrs | GCU 121 and 122 are both required in order to receive credit for GCU 121 at ASU. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| GPH 111: Intro to PHYSICAL GEOGRAPHY<br>and<br>GPH 112: Introduction to Physical Geography Lab OR<br><br>GPH 113: Introduction to Physical Geography | 4 hrs | |
| GPH 211: Landform Processes OR<br><br>GPH 212: Introduction to Meteorology I and<br>GPH 214: Introduction to Meteorology Laboratory I OR<br><br>GPH 213: Climate and Weather and<br>GPH 215: Climate and Weather Laboratory | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Emphasis in Geography degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Geography, BS degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by GCU 102, 122, 122. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| GCU 102: Introduction to Human Geography | 3 hrs | |
| Lower Division Major Electives | 0-6 hrs | Choose up to 6 credit hours of courses (not applied elsewhere) that transfer to ASU as courses or electives with the GCU, GIS, GPH, or PUP prefixes. |
| Lower Division Elective | 4-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Geography (Meteorology-Climatology), BS Pathway**
**2021-2022**

ASU Major: Geography (Meteorology-Climatology), BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| GCU 102: Introduction to Human Geography | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| PHY 115: University Physics I or<br>PHY 121: University Physics I: Mechanics | 4-5 hrs |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs |

Subject Options

| | |
|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Geography-Meteorology degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Geography (Meteorology-Climatology), BS degree program.

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Satisfied by GCU 102. |

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| GIS 205: Geographic Information Technologies | 3 hrs | | |
| GPH 111: Intro to PHYSICAL GEOGRAPHY and<br>GPH 112: Introduction to Physical Geography Lab OR<br><br>GPH 113: Introduction to Physical Geography | 4 hrs | | |
| GPH 212: Introduction to Meteorology I and<br>GPH 214: Introduction to Meteorology Laboratory I | 4 hrs | | |
| GPH 213: Climate and Weather and<br>GPH 215: Climate and Weather Laboratory | 4 hrs | | |
| Lower Division Elective | | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**German, BA Pathway**

**2021-2022**

ASU Major: German, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting a course that satisfies (L and COM) or (L and CRE101) requirements simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Lower Division Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Three credit hours of Humanities, Arts, and Design [HU] requirement may be satisfied with SLC 201 or ENG 213. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Social & Behavioral Science: Three credit hours of Social-Behavioral Sciences [SB] requirement may be satisfied with SLC 201 or ENG 213. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | AGEC Awareness Area [G] met by GER 101, GER 102, GER 201, or GER 202. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the German BA degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. 2.33 cumulative GPA required in all Sun Devil tracking courses: GER 101/101AA, GER 102/102AA, GER 201, GER 202.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ENG 213: Introduction to the Study of Language or<br>SLC 201: Introduction to Linguistics | 0-3 hrs | |
| GER 101: Elementary German I or<br>GER 101AA: Elementary German I | 4 hrs | Demonstrated language proficiency at or above the 202 level is required for enrollment in upper division major requirements courses. |
| GER 102: Elementary German II or<br>GER 102AA: Elementary German II | 4 hrs | |
| GER 201: Intermediate German I | 4 hrs | |
| GER 202: Intermediate German II | 4 hrs | |
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Global Health, BA Pathway**
**2021-2022**

ASU Major: Global Health, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ASB 222: Buried Cities and Lost Tribes: Old World or<br>ASB 223: Buried Cities and Lost Tribes: New World | 3 hrs | Course may also be used to satisfy three credits of Humanities, Arts & Design (HU) or Social-Behavioral Sciences (SB) and Global Awareness (G) and Historical Awareness (H) |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| AFR 202: ETHNIC RELATIONS IN the U.S.<br>or<br>ASB 202: ETHNIC RELATIONS IN the U.S. | 3 hrs | |
| ASB 102: Culture in a Globalizing Worl | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| ASM 104: Bones, Stones and Human Evolution | 4 hrs | |
| Natural Science [SQ] | 4 hrs | Select a course that meets the Science Quantitative [SQ] General Education requirement. |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Met by ASB/AFR 202. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Met by ASB/AFR 202. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Anthropology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Global Health, B.A. degree program. Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be

completed with a grade of "C" or better.

| MCCCD Additional Requirements | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

| Additional Lower Division Requirements | | |
|---|---|---|
| ASB 100: Introduction to Global Health | 0-3 hrs | Can be taken after transfer |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language Requirement: Select 101, 102, 201, 202 as needed to reach 4th semester language proficiency. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Global Management, BGM Pathway**
**2021-2022**

ASU Major: Global Management, BGM | Thunderbird School of Global Management

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| COM 225: Public Speaking | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 3-4 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs |
| ECN 212: Microeconomic Principles | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Global Management, BGM degree program.

While the Global Management, BGM MAPP is listed here as an Associate in Arts, students have the option to pursue an ABUS-GR or ABUS-SR degree. The additional coursework for this option is listed in the track at the bottom of the MAPP. Selecting this option will limit the number of electives available compared to the Associate of Arts because the additional ABUS requirements are taken in their place. Please work with a Maricopa Advisor if you are following the AGEC-B option.

Students pursuing a major in Global Management have two different major tracks available to them: 1.) International Business, Language, & Culture, and 2.) International Business & Culture. Students pursuing the International Business, Language, & Culture track are required to study a foreign language through the fourth semester-level, as well as upper-division language & culture courses. Students pursuing International Business & Culture are not required to study a foreign language; instead, they study additional coursework in international management and global studies.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information I and<br>ACC 240: Uses of Accounting Information II OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 0-9 hrs | ASU's TGM 200 may be completed in the first term after transfer to meet this requirement. Associate in Arts pathway only. |
| CHI 101: ELEMENTARY CHINESE (MANDARIN) I and<br>CHI 102: ELEMENTARY CHINESE (MANDARIN) II and<br>CHI 201: Intermediate Chinese I and<br>CHI 202: Intermediate Chinese II OR<br><br>SPA 101: Elementary Spanish I and<br>SPA 102: Elementary Spanish II and<br>SPA 201: Intermediate Spanish I and<br>SPA 202: Intermediate Spanish II | 0-20 hrs | Required for International Business, Language, and Culture Concentration Only. Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language (Mandarin Chinese or Spanish); Elective credits may require adjustment. See advisor. |
| Lower Division Elective | 0-26 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. Depending on which concentration is chosen (International Business & Culture or Language and Culture), the amount of elective credit taken must equal the amount needed to reach 60-64 credits. |
| ABUS Requirements | 0 hrs | While the Global Management, BGM MAPP is listed here as an Associate in Arts, students have the option to pursue an ABUS-GR or ABUS-SR degree. This track requires to students to use Lower Division Electives to complete all of the listed requirements before transferring to ASU. It is recommended that students discuss this option with their advisor in order to best plan the elective credits in order to not exceed the maximum transferable credit range (64). |

Total Required Credits: 61

## Track/Groups

ABUS Requirements

| ABUS Requirements | |
|---|---|
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business AND<br><br>Business Electives or<br>Programming I & II AND<br><br>ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information I and<br>ACC 240: Uses of Accounting Information II OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting AND<br><br>GBS 205: Legal, Ethical, And Regulatory Issues in Business | Students have the choice of selecting either 6 credits of Business Electives or 6 credits of Programming requirements. Business Electives are required for the ABUS-GR while the Programming courses are required for the ABUS-SR. Completing the ABUS requirements will decrease the number of elective credits available. Discuss course requirements with Maricopa Advisor. |

# Pathway Agreement

Print

**Maricopa Community College District**
**Global Studies, BA Pathway**
**2021-2022**

ASU Major: Global Studies, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| Computer/Statistics/Quantitative Analysis [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Global Studies, B.A. degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. The Global Studies BA degree requires completion of a global experience through ASU's study abroad programs or an international internship. All experiences must be approved by the School of Politics and Global Studies' internship coordinator.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| AHU 245: Arabic Culture and Islam or<br>ECN 250: World Economic Systems or<br>HCR 230: Culture and Health or<br>HIS 277: The Modern Middle East or<br>IBS 109: Cultural Dimension for International Trade or<br>REL 290: Women and World Religions or<br>WST 290: Women and World Religions | 6 hrs | Select two of the classes listed (6 hours). Only one of REL 290 and WST 290 may apply because they are cross-listed. |
| Related Area | 0-12 hrs | Choose four Related Area courses that transfer to ASU as direct equivalencies or Departmental Elective credit (DEC) with the following ASU prefixes: AFR, ASB, ASM, BIO, COM, ECN, GCU, GPH, HST, JUS, PAF, POS, PUP, REL, SOS, WST. Courses may be used to simultaneously fulfill any outstanding AGEC requirements. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language Requirement: Select 101, 102, 201, 202 as needed to reach 4th semester language proficiency. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Graphic Information Technology, BS Pathway**
**2021-2022**

ASU Major: Graphic Information Technology, BS | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3-4 hrs | PSY 290AB or PSY 290AC recommended. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 187: Precalculus OR<br><br>MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review or<br>MAT 182: Plane Trigonometry | 5-9 hrs | |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>PSY 230: Introduction to Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend selecting a course that also meets Cultural Diversity in the U.S [C], Global Awareness [G], and/or Historical Awareness [H] requirements. |
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend selecting a course that also meets Cultural Diversity in the U.S [C], Global Awareness [G], and/or Historical Awareness [H] requirements. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | Recommend selecting a course that also meets Cultural Diversity in the U.S [C], Global Awareness [G], and/or Historical Awareness [H] requirements. |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate of Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Graphic Information Technology, BS degree program.

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Additional Lower Division Requirements

| | | |
|---|---|---|
| INT 235: Universal Design or<br>ART 111: Drawing I or<br>ART 290BC: Studio Art: Drawing | 3 hrs | INT 235 is recommended. |
| CIS 132: HTML/CSS or<br>CIS 133DA: Internet/Web Development Level I | 3 hrs | |
| EPS 150: Introduction to Entrepreneurship | 3 hrs | |
| Lower Division Elective | 0-14 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Health Care Coordination, BS Pathway**
**2021-2022**

ASU Major: Health Care Coordination, BS | College of Nursing and Health Innovation

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| COM 225: Public Speaking | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that satisfies [MA] requirement. | 3-6 hrs |
| MAT 206: Elements of Statistics or<br>PSY 230: Introduction to Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| HCR 210: Clinical Health Care Ethics | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| CFS 205: Human Development or<br>PSY 240: Developmental Psychology | 3 hrs |
| PSY 101: Introduction to Psychology | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| CHM 130: Fundamental Chemistry and<br>CHM 130LL: Fundamental Chemistry Lab<br>OR<br><br>CHM 130AA: Fundamental Chemistry with Lab | 4 hrs |
| BIO 205: Microbiology | 4 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Health Care Coordination, BS degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by HCR 230. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HCR 220. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225 |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 201: Human Anatomy and Physiology | 4 hrs | |
| BIO 202: Human Anatomy and Physiology | 4 hrs | |
| FON 241: Principles of Human Nutrition OR<br><br>FON 241: Principles of Human Nutrition and<br>FON 241LL: Principles of Human Nutrition Laboratory | 3-4 hrs | |
| HCR 220: Introduction to Nursing and Health Care Systems | 3 hrs | |
| HCR 230: Culture and Health | 3 hrs | |
| HCR 240: Human Pathophysiology OR<br><br>HCR 240AA: Human Pathophysiology I and<br>HCR 240AB: Human Pathophysiology II | 4 hrs | |
| SOC 101: Introductory Sociology | 3 hrs | |
| Lower Division Elective | 0-1 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Health Education and Health Promotion, BS Pathway**
**2021-2022**

ASU Major: Health Education and Health Promotion, BS | College of Health Solutions

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 151AA: College Algebra and<br>MAT 151AB: Functions I and<br>MAT 151AC: College Algebra and<br>MAT 151AD: Functions or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review OR<br><br>MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>PSY 230: Introduction to Statistics | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| HES 100: Healthful Living or<br>WED 110: PRINCIPLES PHYSICAL FITNESS/WELLNESS | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Health Education and Health Promotion BS degree program.

| | | |
|---|---|---|
| BIO 160: Introduction to Human Anatomy and Physiology | 4 hrs | |
| CHM 107: Chemistry and Society and CHM 107LL: CHEMISTRY & SOCIETY LAB OR<br><br>CHM 130: Fundamental Chemistry and CHM 130LL: Fundamental Chemistry Laboratory or CHM 130AA: Fundamental Chemistry with Lab OR<br><br>CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 150AA: General Chemistry I or CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 151AA: General Chemistry I OR<br><br>BIO 181: General Biology (Majors) I or BIO 181XT: General Biology (Majors) I | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | AGEC Awareness Areas [C] or [G] met by HES 210. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | AGEC Awareness Areas [C] or [G] met by HES 210. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | COM 225 will fulfill Literacy and Critical Inquiry [L]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| FON 241: Principles of Human Nutrition or FON 100: Introductory Nutrition | 3 hrs | |
| Lower Division Elective | 7-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. HEP 102 and CHS 300 will need to be taken after transfer. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Health Entrepreneurship and Innovation, BS Pathway**

**2021-2022**

ASU Major: Health Entrepreneurship and Innovation, BS | College of Nursing and Health Innovation

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| COM 225: Public Speaking | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government OR<br><br>PSY 230: Introduction to Statistics | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| HCR 210: Clinical Health Care Ethics | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| PSY 101: Introduction to Psychology | 3 hrs |
| SOC 101: Introduction to Sociology | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. ASU's College of Nursing and Health Innovation recommends GLG 110 and GLG 111. |
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. ASU's College of Nursing and Health Innovation recommends BIO 100. |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The BS in Health Entrepreneurship Innovation is the first of its kind in the country, intended for students who want to lead transformative change in health through the creation of new products, processes and systems. With a focus on transdisciplinary experiences, this program will provide students with a broad background in the principles of innovation, leadership, complexity science, change theory, collaboration and evidence-based decision making to prepare graduates to manage implementation of innovation in the health care arena.

This unique program situates students at the intersection of innovation and entrepreneurship in health and healing.

This innovative program would be a great pathway for any community college student with an interest in health, business, health care administration, entrepreneurship, and many other areas.

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Health Entrepreneurship and Innovation BS degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by HCR 230 or HES 210. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HCR 230 or HES 210 |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication | 3 hrs | | |
| HCC 130: FUNDAMENTALS IN HEALTH CARE DELIVERY or<br>HCR 220: Introduction to Nursing and Health Care Systems | 3 hrs | | |
| HCR 230: Culture and Health or<br>HES 210: Cultural Aspects of Health and Illness | 3 hrs | | |
| Health Innovation Elective | | 0-18 hrs | Select courses from the Track/Groups section to below. Students should consult with an ASU advisor to identify appropriate courses in a thematic area when selecting Health Innovation Electives. |
| Lower Division Elective | | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

## Track/Groups

Health Innovation Elective

| Health Innovation Elective | | |
|---|---|---|
| HES 100: Healthful Living or<br>WED 110: PRINCIPLES PHYSICAL FITNESS/WELLNESS | Health Innovation Elective | |
| SUS 100: Introduction to Sustainability | | |
| **Health Innovation Elective** | | |
| SUS 110: Sustainable World | | |
| **Health Innovation Elective** | | |
| WST 100: Women and Society | | |
| **Health Innovation Elective** | | |
| ACC, ECN, FIN, HCR, LES, MGT, MKT, NTR, OGL, OMT, SOS, TEL, or TEM Departmental Elective | Select a course that transfers to ASU as a Departmental Elective in the indicated prefixes. | Health Innovation Elective |
| ASB 100: Introduction to Global Health | | |

# Pathway Agreement

Print

**Maricopa Community College District**
**Health Sciences, BS Pathway**
**2021-2022**

ASU Major: Health Sciences, BS | College of Health Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | COM 225 recommended |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | AGEC Awareness Areas [C] and [G] met by HES 210 (if selected to meet Additional Lower Division Requirement). |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | AGEC Awareness Areas [C] and [G] met by HES 210 (if selected to meet Additional Lower Division Requirement). |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Health Sciences, BS degree program.

Students who matriculate to ASU will choose a track to complete: Community-based Health Outcomes; Health Legislation and Regulation; Language, Speech and Communication; or Integrated Care.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| FON 100: Introductory Nutrition | 3 hrs | |
| HES 210: Cultural Aspects of Health and Illness or<br>IFS 215: Cultural Context of Health Information | 3 hrs | If HES 210 is selected, it meets a lower division requirement, [C] and [G]. Credits can only be counted once. |
| Lower Division Elective | 5-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. CHS 300 will need to be taken after transfer to ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Health Sciences (Healthy Lifestyles and Fitness Science), BS Pathway**

**2021-2022**

ASU Major: Health Sciences (Healthy Lifestyles and Fitness Science), BS | College of Health Solutions

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| EXS 290: Introduction to Evidence-Based Practice | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>PSY 230: Introduction to Statistics | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| PSY 101: Introduction to Psychology | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 160: Intro To Human Anatomy & Physiology or<br>BIO 201: Human Anatomy and Physiology I | 4 hrs |
| CHM 130: Fundamental Chemistry and<br>CHM 130LL: Fundamental Chemistry Laborat or<br>CHM 130AA: Fundamental Chemistry with Lab | 4 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Health Sciences (Healthy Lifestyles and Fitness Science) BS degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| FON 241: Principles of Human Nutrition | 3 hrs | |
| EXS 101: Introduction to Exercise Science | 3 hrs | |
| Lower Division Elective | 4-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**History, BA Pathway**

**2021-2022**

ASU Major: History, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | May be met with History Survey, History Elective, or History Related Area course. Check the Course Equivalency Guide to ensure course meets [HU] value in the semester it is taken. |
| Humanities, Arts, and Design [HU] | 3 hrs | May be met with History Survey, History Elective, or History Related Area course. Check the Course Equivalency Guide to ensure course meets [HU] value in the semester it is taken. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | May be met with History Survey, History Elective, or History Related Area course. Check the Course Equivalency Guide to ensure course meets [SB] value in the semester it is taken. |
| Social-Behavioral Science [SB] | 3 hrs | May be met with History Survey, History Elective, or History Related Area course. Check the Course Equivalency Guide to ensure course meets [SB] value in the semester it is taken. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in History degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the History BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | May be met with History Survey, History Elective, or History Related Area course. Check the Course Equivalency Guide to ensure course meets [H] or [G] value in the semester it is taken. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| History Lower Division Elective | 3 hrs | |
| Two Semester Survey in U.S. History, World History or Western Civilization | 6 hrs | If choosing U.S History Survey, complete HIS 103 and HIS 104; if choosing World History, complete HIS 110 and HIS 111; if choosing Western Civilization, complete two from HIS 100, HIS 101 and HIS 102. |
| Related Area Course | 9 hrs | Select three courses (9 hours) that transfer to ASU as a direct equivalent or Departmental Elective credit (DEC) in the following ASU prefixes: ENG, HST, PHI, REL, SPA, WST. |
| Lower Division Elective | 0-7 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

## Track/Groups

Two Semester Survey in U.S. History, World History or Western Civilization

| Two Semester Survey in U.S. History, World History or Western Civilization | |
|---|---|
| HIS 103: United States History to 1865 and<br>HIS 104: United States History 1865 to | |
| **Two Semester Survey in U.S. History, World History or Western Civilization** | |
| HIS 110: World History to 1500 and<br>HIS 111: WORLD HISTORY 1500 TO the PRESENT | |
| **Two Semester Survey in U.S. History, World History or Western Civilization** | |
| HIS 100: HIST OF W CIVILIZATION TO MID AGES or<br>HIS 101: HIST OF W CIVILIZATION/MID AGES-1789 or<br>HIS 102: HIST OF W CIVILIZATION/1789 TO PRSNT | Choose two of the indicated courses for six total credits. |

# Pathway Agreement

Print

**Maricopa Community College District**

**History, BA Pathway**

**2021-2022**

ASU Major: History, BA | College of Liberal Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | For Humanities [HU] and Social-Behavioral Sciences [SB] requirement, select courses that also satisfy History or Related Area requirements for the major. |
| Humanities, Arts, and Design [HU] | 3 hrs | For Humanities [HU] and Social-Behavioral Sciences [SB] requirement, select courses that also satisfy History or Related Area requirements for the major. |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | For Humanities [HU] and Social-Behavioral Sciences [SB] requirement, select courses that also satisfy History or Related Area requirements for the major. |
| Social-Behavioral Science [SB] | 3 hrs | For Humanities [HU] and Social-Behavioral Sciences [SB] requirement, select courses that also satisfy History or Related Area requirements for the major. |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts, Emphasis in History and AGEC-A, meets major map requirements at ASU, and guarantees admission to the History BA degree program.

Special Requirements: 2.25 GPA in History courses. 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| History Survey Courses | 0-6 hrs | History Survey courses should also meet AGEC-A Humanities and Fine Arts and/or Social and Behavioral Science requirements. A list of History Survey Courses is located below. |
| Related Area Courses | 0-6 hrs | Select two courses which transfer as either direct equivalencies or departmental electives to courses in the following ASU departments: AFR, AIS, APA, APH, ARS, ASB, ASM, ECN, ENG, GCU, HON, HPS, HUM, JUS, PHI, POS, REL, SGS, SOC, TCL, and WST. (Courses which transfer as ENG 101-111 are excluded). These courses may also satisfy Humanities [HU] and/or Social-Behavioral Sciences [SB] requirements when they carry those designations. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. HST 130 will need to be taken after transfer to ASU. For students with high transfer hours, it may be taken as HST 330 instead of HST 130. |

Total Required Credits: 60

## Track/Groups

History Survey Courses

| History Survey Courses |
|---|
| HIS 110: World History to 1500 or<br>HIS 111: WORLD HISTORY 1500 TO the PRESENT or<br>HIS 100: HIST OF W CIVILIZATION TO MID AGES or<br>HIS 101: HIST OF W CIVILIZATION/MID AGES-1789 or<br>HIS 102: HIST OF W CIVILIZATION/1789 TO PRSNT or<br>HIS 103: United States History to 1865 or<br>HIS 104: United States History 1865 to Present or<br>HIS 108: United States History 1945 to the Present or<br>HIS 113: History of Eastern Civilizations to 1850 or<br>HIS 114: History of Eastern Civilizations 1850 to Present |

# Pathway Agreement

Print

**Maricopa Community College District**

**History, BA Pathway**

**2021-2022**

ASU Major: History, BA | College of Integrative Sciences and Arts

## Pathway Requirements

### First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

### Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

### Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets [MA] requirement | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

### Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

### Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in History degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the History BA degree program.

Special Requirements: 2.25 GPA in History courses and Critical Tracking courses. 2.0 GPA in remaining coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| History Related Area | 3 hrs | Select 1 course (3 hours) that transfer to ASU as direct equivalents or Departmental Elective credit (DEC) with an ENG, ISS, PHI, POS, REL, SOC, or STS prefix. |
| History Electives | 9 hrs | Select 3 courses (9 hours) that transfer to ASU as direct equivalents or Departmental Elective credit (DEC) with an HST prefix. A minimum GPA of 2.25 is required in these courses. |
| Lower Division Elective | 0-15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**History of Science, Ideas and Innovation, BA Pathway**
**2021-2022**

ASU Major: History of Science, Ideas and Innovation, BA | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| Mathematics (MA) | 3-6 hrs | A higher-level course that meets [MA] requirement is also acceptable. |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the History of Science, Ideas and Innovation,BA degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| History Related Area | 6 hrs | Select 2 courses from one subject/prefix that transfer to ASU as direct equivalents or Departmental Elective credit (DEC) with an ABS, ISS, PHY, POS, SOC, or STS prefix. |
| Lower Division Elective | 4-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Human Systems Engineering, BS Pathway**
**2021-2022**

ASU Major: Human Systems Engineering, BS | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| PSY 290AC: Research Methods or<br>PSY 290AB: Research Methods | 4 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus | 5-9 hrs | |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>PSY 230: Introduction to Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | PSY 230 is an approved substitute for HSE 230. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Humanities and Fine Arts [HU]: Recommend selecting course that also satisfies [C]. |
| Humanities, Arts, and Design [HU] | 3 hrs | Humanities and Fine Arts [HU]: Recommend selecting course that also satisfies [H]. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | PSY 101 is an approved substitute for HSE 101. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Human Systems Engineering, BS degree program, within the Polytechnic School of the Ira A. Fulton Schools of Engineering.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical/Global Awareness [H or G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CIS 105: Survey of Computer Information Systems or<br>CIS 163AA: Java Programming: Level I or<br>CSC 180: Computer Literacy | 3 hrs | |
| ECE 102: Engineering Analysis Tools or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design | 4 hrs | |
| Technical Elective | 9 hrs | Select courses that transfer to ASU with the following prefixes: AME, AMT, BIO, BME, BMI, CAP, CIS, CSE, EEE, EGR, GIT, HSE, IEE, IFT, MFG, PSY, SER, TEM, TMC, TWC. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Industrial Engineering, BSE Pathway**
**2021-2022**

ASU Major: Industrial Engineering, BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

| | | |
|---|---|---|
| **Engineering Core** | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory | 4 hrs | Can be used to meet basic science requirement at ASU. |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory | 4 hrs | |
| ECE 102: Engineering Analysis Tools and Techniques or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or<br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs | |
| Humanities, Arts, and Design or<br>AGEC Awareness Areas | 3-6 hrs | Take one course that satisfies Humanities and Fine Arts AND an Awareness Area requirement. |
| Social-Behavioral Science or<br>AGEC Awareness Areas | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |
| **Additional Lower Division Requirements** | | |
| CSC 110: Introduction to Computer Science or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 3-4 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete CSC 110, CSC 205 and ECN 211 before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| CSC 120: Digital Design Fundamentals OR<br><br>CSC 240: Introduction to Different Pro or<br>CSC 240AA: Introduction to Different Programming Languages OR<br><br>EEE 202: Circuits and Devices | 3-5 hrs | Course meets engineering science elective for major. |

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Industrial Engineering BSE degree program.

A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better.

Engineering Core courses should be prioritized over Additional Lower Division Requirements.

Note: Only 64 credit hours are transferable to ASU from a community college.Completion of the Engineering Coreis the mostefficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additionalcourses required.

| | | | |
|---|---|---|---|
| CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures | 3-4 hrs | | |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | | |
| ECN 211: Macroeconomic Principles | 3 hrs | | |
| ECE 104: EPICS Gold I | | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Information Technology, BS Pathway**
**2021-2022**

ASU Major: Information Technology, BS | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 3-4 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>PSY 230: Introduction to Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Recommended HU courses also include [C]. |
| Humanities, Arts, and Design [HU] | 3 hrs | Recommended HU courses also include [H]. |

Social-Behavioral Science [SB]

| | |
|---|---|
| PSY 101: Introduction to Psychology | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Information Technology, BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 230: Small Group Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CIS 119DO: Introduction to Oracle: SQL and<br>CIS 154: Database Modeling and Design OR<br><br>CIS 276DA: MySQL Database OR<br><br>CIS 276DB: SQL Server Database | 3-6 hrs | |
| CIS 126DA: UNIX Operating System or<br>CIS 126DL: Linux Operating System or<br>CIS 239DL: Linux Shell Scripting | 3 hrs | |
| CIS 163AA: Java Programming: Level I | 3 hrs | |
| CIS 162: C Programming I or<br>CIS 162AD: C#: Level I or<br>CSC 100: Introduction to Computer Science (C++) or<br>CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 150: Programming in C/C++ or<br>CSC 150AA: Programming in C/C++ or<br>CSC 182: Principles of Programming with C#.NET or<br>CSC 182AA: Principles of Programming with C#.NET | 3-4 hrs | |
| CNT 140AA: Introduction to Networks or<br>CNT 140AB: Introduction to Networks | 3-4 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs | |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Innovation in Society, BA Pathway**
**2021-2022**

ASU Major: Innovation in Society, BA | School for the Future of Innovation in Society

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| Computer/Statistics/Quantitative Analysis [CS] | 3 hrs |

The ASU School for the Future of Innovation in Society recommends selecting CIS 105 or CSE 180.

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| Natural Science [SQ, SG] | 4 hrs |
| Natural Science [SQ, SG] | 4 hrs |

Select at least one SQ within the Natural Science requirement.

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Innovation in Society BA degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language,taken in the United States or the relevant country. | 0-16 hrs | |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Innovation in Society, BS Pathway**
**2021-2022**

ASU Major: Innovation in Society, BS | School for the Future of Innovation in Society

## Pathway Requirements

### First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

### Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

### Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review or<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus | 5-9 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs |

### Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

### Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Innovation in Society BS degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Technical Electives | 0-9 hrs | Select 3 courses that transfer to ASU as any of the following prefixes: AEE, AET, AML, ASM, AST, BIO, BCH, BME, CEE, CHE, CNE, EEE, EET, EGR, FSE, GLG, GPH, IEE, LSE, MAE, MAT, MBB, MEE, MET, MFG, MIC, MSE, PHS, PHY, PLB, OR STP. Courses may simultaneously fulfill any needed AGEC categories. |
| Lower Division Elective | 0-23 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Integrative Health, BS Pathway**
**2021-2022**

ASU Major: Integrative Health, BS | College of Nursing and Health Innovation

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review | 3-6 hrs | Or higher level mathematics course that satisfies [MA] |
| MAT 206: Elements of Statistics or<br>PSY 230: Introduction to Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | Highly recommend taking [CS] prior to transfer. If taken at ASU, course must be taken in the first term after transfer. The AA degree requires completion of [CS]. |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| HCR 210: Clinical Health Care Ethics | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| CFS 205: Human Development or<br>PSY 240: Developmental Psychology | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 205: Microbiology | 4 hrs | |
| CHM 130: Fundamental Chemistry and<br>CHM 130LL: Fundamental Chemistry Lab<br>OR<br><br>CHM 130AA: Fundamental Chemistry with Lab | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by HCR 220. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HCR 230. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Integrative Health, BS degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 201: Human Anatomy and Physiology | 4 hrs | |
| BIO 202: Human Anatomy and Physiology | 4 hrs | |
| FON 241: Principles of Human Nutrition OR<br><br>FON 241: Principles of Human Nutrition and<br>FON 241LL: Principles of Human Nutrition Laboratory | 3-4 hrs | |
| HCR 220: Introduction to Nursing and Health Care Systems | 3 hrs | |
| HCR 230: Culture and Health | 3 hrs | |
| HCR 240: Human Pathophysiology OR<br><br>HCR 240AA: Human Pathophysiology I and<br>HCR 240AB: Human Pathophysiology II | 4 hrs | |
| MGT 246: Principles of Project Management<br>or<br>TQM 240: Project Management In Quality Orgs | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |
| SWU 250: Mindfulness for Stress Management | 0-3 hrs | Course can be taken after transfer. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Integrative Social Science, BS Pathway**
**2021-2022**

ASU Major: Integrative Social Science, BS | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition | 3 hrs |
| ENG 102: First-Year Composition | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review or<br>Higher level course that meets MA requirement | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Integrative Social Science,BS degree program.

Up to a maximum total number of 75 credits may be transferred to ASU for students on this MAPP.

MCCCD Additional Requirements

| | | |
|---|---|---|
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 13-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Interdisciplinary Arts and Performance, BA Pathway**
**2021-2022**

ASU Major: Interdisciplinary Arts and Performance, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Related Area Courses | 6 hrs | Complete two courses that transfer to ASU as an HU in any of the following prefixes:ART, ARH, DAN, DAH, MUP, MUE, THE, and THP. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Interdisciplinary Arts and Performances BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC 110 and [CSC 200 or CSC 205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Interdisciplinary Arts and Sciences, BA Pathway**
**2021-2022**

ASU Major: Interdisciplinary Arts and Sciences, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Interdisciplinary Arts and Sciences BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Interdisciplinary Studies, BA Pathway**
**2021-2022**

ASU Major: Interdisciplinary Studies, BA | College of Integrative Sciences and Arts

## Pathway Requirements

| | | |
|---|---|---|
| **MCCCD Additional Requirements** | | |
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |
| **Additional Lower Division Requirements** | | |
| Maricopa AGEC | 35 hrs | Complete courses to complete the Maricopa Arizona General Education Curriculum (AGEC) based on your Associate's degree. A completed AGEC satisfies lower division general studies and first year composition. |
| Lower Division Concentration Courses | 0-12 hrs | Students should refer to the BIS Concentration Checksheet for their two subject areas to determine what if any courses fulfill their subject area requirements and Associate's degree requirements. |
| Lower Division Elective | 0-40 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college Associate's degree requirements. |

Total Required Credits: 75

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Students must complete the MAPP and all special requirements, must have the Arizona General Education Curriculum (AGEC-A, AGEC-S, or AGEC-B) certified on their transcript and must have their Associate Degree (AA, AAEE, AAFA, ABUS-GR, ABUS-SR, or AS) completed and noted on their transcripts. Students satisfying these criteria meet ASU major map requirements and are guaranteed admission to the Interdisciplinary Studies degree program.

The Bachelor of Interdisciplinary Studies allows students to take an active role in designing their own major by selecting two subject areas. Students should follow this link:https://cls.asu.edu/interdisciplinary-studies-( their two subject areas of interest. Some combinations are not permissible; contact a CISA Academic Advisor (https://cisa.asu.edu/advising)for additional information.

The following degrees and associated sub plans accept up to 75 credit hours of community college coursework upon successful completion of an Associate Degree from partnering community colleges: Interdisciplinary Studies, BA, Liberal Studies, BA and Organizational Leadership, BA.

# Pathway Agreement

Print

**Maricopa Community College District**

**Interdisciplinary Studies (Organizational Studies), BA Pathway**

**2021-2022**

ASU Major: Interdisciplinary Studies (Organizational Studies), BA | College of Integrative Sciences and Arts

## Pathway Requirements

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Maricopa AGEC | 35 hrs | Complete courses to complete the Maricopa Arizona General Education Curriculum (AGEC) based on your Associate's degree. A completed AGEC satisfies lower division general studies and first year composition. |
| Lower Division Elective | 0-40 hrs | Lower division electives may be taken to complete associate degree requirements. Up to a maximum total number of 75 credits may be transferred to ASU for students on this pathway. |

Total Required Credits: 75

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Students must complete the MAPP and all special requirements, must have the Arizona General Education Curriculum (AGEC) certified on their transcript and must have their Associate Degree (AA, AAEE, AAFA, ABUS-GR, ABUS-SR, or AS) completed and noted on their transcripts. Students satisfying these criteria meet ASU major map requirements and are guaranteed admission to the Interdisciplinary Studies (Organizational Studies) degree program.

The following degrees and associated sub plans accept up to 75 credit hours of community college coursework upon successful completion of an Associate Degree from partnering community colleges: Interdisciplinary Studies, BA, Liberal Studies, BA and Organizational Leadership, BA.

# Pathway Agreement

Print

**Maricopa Community College District**

**International Letters and Cultures (Classical Civilization), BA Pathway**

**2021-2022**

ASU Major: International Letters and Cultures (Classical Civilization), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ENG 213: Introduction to the Study of Language or<br>SLC 201: Introduction to Linguistics | 3 hrs | ASU recommends SLC 201. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Humanities degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the International Letters and Cultures (Classical Civilization), BA degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-20 hrs | Second Language Requirement: Select 101, 102, 201, 202 as needed to reach fourth semester proficiency. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**International Letters and Cultures (Classics), BA Pathway**
**2021-2022**

ASU Major: International Letters and Cultures (Classics), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ENG 213: Introduction to the Study of Language or<br>SLC 201: Introduction to Linguistics | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the International Letters and Cultures (Classics)—Latin, BA degree program.

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| LAT 101: Elementary Latin I | 4 hrs | | |
| LAT 102: Elementary Latin II | 4 hrs | | |
| LAT 201: Intermediate Latin I | | 0-4 hrs | LAT 201 may satisfy the Humanities, Fine Arts, and Design (HU) requirement or may be taken after transfer to ASU |
| LAT 202: Intermediate Latin II | | 0-4 hrs | LAT 202 may satisfy the Humanitites, Fine Arts, and Design (HU) requirement or may be taken after transfer to ASU |
| Lower Division Elective | | 0-17 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**International Trade, BS Pathway**
**2021-2022**

ASU Major: International Trade, BS | Thunderbird School of Global Management

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| COM 225: Public Speaking | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 3-4 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs |
| ECN 212: Microeconomic Principles | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ course within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the International Trade, BS degree program.

While the International Trade, BS MAPP is listed here as an Associate in Arts, students have the option to pursue an ABUS-GR or ABUS-SR degree. The additional coursework for this option is listed in the track at the bottom of the MAPP. Selecting this option will limit the number of electives available compared to the Associate in Arts because the additional ABUS requirements are taken in their place.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information I and<br>ACC 240: Uses of Accounting Information II OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 0-9 hrs | ASU's TGM 200 may be completed in the first term after transfer to meet this requirement. |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| ABUS Requirements | 0 hrs | While the International Trade, BS MAPP is listed here as an Associate in Arts, students have the option to pursue an ABUS-GR or ABUS-SR degree. This track requires students to use Lower Division Electives to complete all of the listed requirements before transferring to ASU. It is recommended that students discuss this option with their advisor in order to best plan the elective credits in order to not exceed the maximum transferable credit range (64). |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

## Track/Groups

ABUS Requirements

| ABUS Requirements | |
|---|---|
| GBS 205: Legal, Ethical, And Regulatory Issues in Business AND<br><br>Business Electives or<br>Programming I & II AND<br><br>ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information I and<br>ACC 240: Uses of Accounting Information II OR<br><br>ACC 111: Accounting Principles I or<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | Students have the choice of selecting either 6 credits of Business Electives or 6 credits of Programming requirements. Business Electives are required for the ABUS-GR while the Programming courses are required for the ABUS-SR. Completing the ABUS requirements will decrease the number of elective credits available. Discuss with Maricopa Advisor if doing AGEC B option. |

# Pathway Agreement

Print

**Maricopa Community College District**

**Italian, BA Pathway**

**2021-2022**

ASU Major: Italian, BA | College of Liberal Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | | | |
|---|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | | |

### Literacy and Critical Inquiry [L]

| | | | |
|---|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | | |

### Mathematical Studies [MA, CS]

| | | | |
|---|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | | |

### Humanities, Arts, and Design [HU]

| | | | |
|---|---|---|---|
| SLC 201: Introduction to Linguistics or<br>ENG 213: Introduction to the Study of Language | | 3 hrs | Three credit hours of Humanities and Fine Arts or Social and Behavioral Sciences may be satisfied by Maricopa ENG 213 or SLC 201. SLC 201 is preferred. |
| Humanities, Arts, and Design [HU] | 3 hrs | | |

### Social-Behavioral Science [SB]

| | | | |
|---|---|---|---|
| Social-Behavioral Science [SB] | | 3 hrs | SLC 201 or ENG 213 may be used to satisfy 3 credits of the [SB] AGEC requirement instead of [HU]. |
| Social-Behavioral Science [SB] | 3 hrs | | |

### Natural Science [SQ, SG]

| | | | |
|---|---|---|---|
| Natural Science [SQ, SG] | | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | | |

### General Education Awareness Areas [C, H, G]

| | | | |
|---|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | | 0 hrs | Global Awareness [G] satisfied by ITA 201. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Italian B.A. degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. 2.33 cumulative GPA required in all Sun Devil tracking courses: ITA 101/101AA, ITA 102/102AA, ITA 201, ITA 202.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ITA 101: Elementary Italian I or<br>ITA 101AA: Elementary Italian I | 4 hrs | Demonstrated language proficiency at or above the 202 level is required for enrollment in upper division major requirements courses. |
| ITA 102: Elementary Italian II or<br>ITA 102AA: Elementary Italian II | 4 hrs | |
| ITA 201: Intermediate Italian I | 4 hrs | |
| ITA 202: Intermediate Italian II | 4 hrs | |
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Journalism and Mass Communication, BA Pathway**

**2021-2022**

ASU Major: Journalism and Mass Communication, BA | Walter Cronkite School of Journalism & Mass Comm

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| JRN 201: News Writing | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>PSY 230: Introduction to Statistics | 3 hrs | SWU 225 offered only at Mesa Community College. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| PHI 101: Introduction to Philosophy or<br>PHI 102: Introduction to Philosophy or<br>PHI 103: Introduction to Logic or<br>PHI 105: Introduction to Ethics | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 212: Microeconomic Principles or<br>ECN 211: Macroeconomic Principles | 3 hrs | |
| MCO 120: Media and Society | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ course within the Natural Science Requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Journalism & Mass Communication BA degree program.

Special Requirements: Students are required to have at least a 3.0 GPA in all transferable hours of college credit earned after high school. All courses must be completed with a grade of "C" or better.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| HIS 103: United States History to 1865 or<br>HIS 108: United States History 1945 to or<br>HIS 203: African-American History to 1865 | 3 hrs | |
| POS 110: American National Government | 3 hrs | |
| PSY 101: Introduction to Psychology or<br>SOC 101: Introduction to Sociology | 3 hrs | |
| Related Area Course | 3 hrs | Related Course: Select a course that transfers to ASU with one of the following prefixes: ASB, ASM, ACC, COM, ECN, ENG, FAS, FIN, GCU, GPH, HST, JUS, LES, MGT, MKT, REA, REL, POS, SOC, THE, THP, WST. |
| Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Justice Studies, BA Pathway**

**2021-2022**

ASU Major: Justice Studies, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 215: Strategies of Academic Writin or<br>ENG 216: PERSUASIVE WRITING ON PUBLIC or<br>ENG 217: PERSONAL & EXPLORATORY WRITIN | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Lower Division Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend PHI 101 or PHI 105. |
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend AJS 123. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| AJS 101: Introduction To Criminal Just or<br>AJS 200: CURRENT ISSUES IN CRIMINAL JUSTICE | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | Recommend a AJS course that transfers to ASU as a CRJ or JUS, SB course or PSY or SOC course that transfers to ASU as an PSY or SOC, SB course. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Criminal Justice and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Justice Studies BA degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach fourth semester proficiency. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Justice Studies, BS Pathway**

**2021-2022**

ASU Major: Justice Studies, BS | College of Liberal Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 215: Strategies of Academic Writin or<br>ENG 216: PERSUASIVE WRITING ON PUBLIC or<br>ENG 217: PERSONAL & EXPLORATORY WRITIN | 3 hrs | This requirement may be satisfied after transfer to ASU, but a course that satisfies the Literacy and Critical Inquiry requirement will need to be taken instead. |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend PHI 101 or PHI 105. |
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend AJS 123. |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| AJS 200: CURRENT ISSUES IN CRIMINAL JUSTICE or<br>AJS 101: Introduction To Criminal Just | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | Recommend a AJS course that transfers to ASU as a CRJ or JUS, SB course or PSY or SOC course that transfers to ASU as an PSY or SOC, SB course. |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Criminal Justice and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Justice Studies, BS degree program.

Special Requirements: 2.00 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 11-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Kinesiology, BS Pathway**

**2021-2022**

ASU Major: Kinesiology, BS | College of Health Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| EXS 290: Introduction to Evidence-Based Practice | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 187: Precalculus OR<br><br>MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry | 5-9 hrs | |
| PSY 230: Introduction to Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | Each of the courses satisfy the CS requirement. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | Per Maricopa degree requirements, HES 100 is recommended. |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Exercise Science degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Kinesiology, BS degree program.

Special Requirements: 3.0 GPA in coursework used to satisfy MAPP requirements. EXS 101 must be completed with a grade of "B" or better. All other courses must be completed with a grade of "C" or better.

| | |
|---|---|
| BIO 202: Human Anatomy and Physiology | 4 hrs |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I or<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

| | |
|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs |

| | | |
|---|---|---|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | |
|---|---|
| BIO 181: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II | 4 hrs |
| BIO 201: Human Anatomy and Physiology | 4 hrs |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs |
| EXS 101: Introduction to Exercise Science, Kinesiology | 3 hrs |
| PHY 111: General Physics I | 4 hrs |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Latin American Studies, BA Pathway**
**2021-2022**

ASU Major: Latin American Studies, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Global Awareness [G] requirement satisfied by SPA 201. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Latin American Studies BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| SPA 101: Elementary Spanish I or<br>SPA 101AA: Elementary Spanish I or<br>SPA 103: Elementary Spanish for Spanish Speakers I | 4 hrs | | |
| SPA 102: Elementary Spanish II or<br>SPA 102AA: Elementary Spanish II or<br>SPA 104: Elementary Spanish for Spanish Speakers II | 4 hrs | | |
| SPA 201: Intermediate Spanish I | 4 hrs | | |
| SPA 202: Intermediate Spanish II | 4 hrs | | |
| Lower Division Elective | | 6-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Liberal Studies, BA Pathway**

**2021-2022**

ASU Major: Liberal Studies, BA | College of Integrative Sciences and Arts

## Pathway Requirements

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Maricopa AGEC | 35 hrs | Complete courses to complete the Maricopa Arizona General Education Curriculum (AGEC) based on your Associate's degree. A completed AGEC satisfies lower division general studies and first year composition. |
| Lower Division Elective | 0-40 hrs | Lower division electives may be taken to complete associate degree requirements. Up to a maximum total number of 75 credits may be transferred to ASU for students on this pathway. |

Total Required Credits: 75

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Students must complete the MAPP and all special requirements, must have the Arizona General Education Curriculum (AGEC-A, AGEC-S, or AGEC-B) certified on their transcript and must have their Associate Degree (AA, AAEE, AAFA, ABUS-GR, ABUS-SR, or AS) completed and noted on their transcripts. Students satisfying these criteria meet ASU major map requirements and are guaranteed admission to the Liberal Studies, BLS degree program. The BLS program offers a breadth of learning in an online setting. Those interested in the online program for liberal studies may visit the ASU Online website for more information (https://asuonline.asu.edu/).

The following degrees and associated sub plans accept up to 75 credit hours of community college coursework upon successful completion of an Associate Degree from partnering community colleges: Interdisciplinary Studies, BA, Liberal Studies, BA and Organizational Leadership, BA.

ASU Arizona State University

# Pathway Agreement

Print

**Maricopa Community College District**
**Management, BS Pathway**
**2021-2022**

ASU Major: Management, BS | W. P. Carey School of Business

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend COM 225 |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br>MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

## Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

## Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

## MCCCD Additional Requirements

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |

## Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: Communication in Business and Professions | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course (SB) | 3 hrs | MGT 320 (required for this major at ASU) requires a prerequisite of PSY 101 or SOC 101. |
| SOC Course (SB) | 3 hrs | MGT 320 (required for this major at ASU) requires a prerequisite of PSY 101 or SOC 101. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**

**Marketing, BS Pathway**

**2021-2022**

ASU Major: Marketing, BS | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS 233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: Communication in Business and Professions | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**

**Marketing (Digital and Integrated Marketing Communications), BS Pathway**

**2021-2022**

ASU Major: Marketing (Digital and Integrated Marketing Communications), BS | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs |
| CIS 105: Survey of Computer Information Systems | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs |
| ECN 212: Microeconomic Principles | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information<br>and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: Communication in Business and Professions | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Marketing (Professional Sales), BS Pathway**
**2021-2022**

ASU Major: Marketing (Professional Sales), BS | W. P. Carey School of Business

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Information and<br>ACC 240: Uses of Accounting Information<br>OR<br><br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br><br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: Communication in Business and Professions | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**

**Mass Communication and Media Studies, BA Pathway**

**2021-2022**

ASU Major: Mass Communication and Media Studies, BA | Walter Cronkite School of Journalism & Mass Comm

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs |
| Computer/Statistics/Quantitative Applications | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| MCO 120: Media and Society | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Mass Communication and Media Studies BA degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 13-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Materials Science and Engineering, BSE Pathway**
**2021-2022**

ASU Major: Materials Science and Engineering, BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

| | | |
|---|---|---|
| Engineering Core | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | |
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 277: Modern Differential Equations or<br>MAT 276: Modern Differential Equations | 3-4 hrs | |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | This fulfills a Math/Science Elective. |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or<br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs | |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Humanities and Fine Arts AND an Awareness Area requirement. |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Additional Lower Division Requirements

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Materials Science and Engineering, BSE degree program.

A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better.

Engineering Core courses should be prioritized over Additional Lower Division Requirements.

Note: Only 64 credit hours are transferable to ASU from a community college.Completion of the Engineering Coreis the mostefficient transfer pathway to this bachelor's degree, but does not meet all requirements for an associate degree. Students who wish to complete an associate degree prior to transferring to ASU should consult an academic advisor to discuss the additionalcourses required.

| | | |
|---|---|---|
| ECE 215: Mechanics of Materials | 3 hrs | Students should complete MAT 225, and ECE 215 before taking any other Additional Lower Division Requirements listed. Any other Additional Lower Division Requirements listed can be completed after transfer to ASU. |
| MAT 225: Elementary Linear Algebra | 3 hrs | |
| BIO 201: Human Anatomy and Physiology I or<br>BIO 201XT: Human Anatomy and Physiology I | 4 hrs | This course fulfills an Advanced Science Elective. Students are required to take two Advanced Science Electives.<br><br>Prerequisites for MCCCD BIO 201: A grade of C or better in (BIO 156, or BIO 156XT, or BIO 181, or BIO 181XT, or one year of high school biology) and (RDG 100, or RDG 100LL, or higher, or eligibility for CRE 101). CHM 130 or higher or one year of high school chemistry is suggested but not required. |
| CHM 230: Fundamental Organic Chemistry OR<br><br>CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistry Laboratory | 3-4 hrs | This course fulfills an Advanced Science Elective. Students are required to take two Advanced Science Electives. |
| EEE 202: Circuits and Devices | 0-5 hrs | This course fulfills a technical elective. |
| Humanities, Arts, and Design and AGEC Awareness Areas | 0-3 hrs | |
| Social-Behavioral Science and AGEC Awareness Areas | 0-3 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Mathematics, BA Pathway**

**2021-2022**

ASU Major: Mathematics, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |
| CSC 100: Introduction to Computer Science (C++) or<br>CSC 100AA: Introduction to Computer Science (C++) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or<br>PHY 115: University Physics I | 4-5 hrs |
| Natural Science [SQ, SG] | 4 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics degree and AGEC-A.

2.8 cumulative GPA in all Sun Devil Tracking courses: CSC 100 or 110, MAT 221, MAT 231, MAT 241, MAT 227.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Recommend selecting a course that satisfies Cultural Diversity in the U. S. [C] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | |
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-12 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 59

# Pathway Agreement

Print

**Maricopa Community College District**
**Mathematics, BS Pathway**
**2021-2022**

ASU Major: Mathematics, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| CSC 110: Introduction to Computer Science (JAVA) or<br>CSC 110AA: Introduction to Computer Science (JAVA) or<br>CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4 hrs | |
| Natural Science [SQ, SG] | 4 hrs | PHY 131 recommended, but not required |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Mathematics BS degree program.

3.0 cumulative GPA in all Sun Devil Tracking courses: CSC 110, CSC 110AA, CSC 205, CSC 205AA, MAT 221, MAT 231, MAT 241.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures | 3-4 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs | May be used as an additional course in the major. |
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | Can be used as an MAT or STP Additional Course. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Mathematics (Statistics), BS Pathway**
**2021-2022**

ASU Major: Mathematics (Statistics), BS | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | PHI 103 Introduction to Logic is recommended. |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |
| CSC 110: Introduction to Computer Scie or<br>CSC 110AA: Introduction to Computer Scie<br>or<br>CSC 110AB: Intro to Computer Science (JA | 3-4 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4 hrs |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism | 4 hrs |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Mathematics (Statistics) BS degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. 3.0 cumulative GPA in all Sun Devil Tracking courses : CSC110, CSC205, MAT221, MAT231, MAT 241.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 205: Object Oriented Programming a or<br>CSC 205AA: Object Oriented Programming a or<br>CSC 205AB: Object Oriented Programming a or<br>CSC 205AC: Object Oriented Programming a or<br>CSC 205AD: Object Oriented Programming a | 3-4 hrs | |
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 3-4 hrs | Can be used as an MAT or STP Advanced Course. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Mechanical Engineering, BSE Pathway**
**2021-2022**

ASU Major: Mechanical Engineering, BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Science, Humanities, Arts, and Design, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Take one course that satisfies Humanities and Fine Arts AND an Awareness Area requirement. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | |
|---|---|
| PHY 121: University Physics I: Mechanics or<br>PHY 115: University Physics I | 4-5 hrs |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs |

Subject Options

| | |
|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Engineering degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Mechanical Engineering, BSE degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA differently than the Maricopa Community College District, thus guaranteed admission to the Mechanical Engineering, BSE degree program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A maximum of 64 credit hours will transfer to Arizona State University.

Students interested in completing the BSE Mechanical Engineering degree with two additional years at ASU, must complete MAE 241 (Intro to Thermodynamics) and MAE 384 through concurrent enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480) 965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I AND<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II | 0-9 hrs | Satisfies the CHM 114 requirement at ASU. If not completed at Maricopa, CHM 114 must be completed at ASU through concurrent enrollment or in the summer prior to admission to ASU. |
| ECE 102: Engineering Analysis Tools and Techniques or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfers as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 105: MATLAB Programming OR<br><br>CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 1-4 hrs | |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECE 216: Computer-Aided Engineering and<br>ECE 216LL: Computer-Aided Engineering Laboratory | 3 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | |
| MAT 225: Elementary Linear Algebra | 3 hrs | |
| MAT 277: Modern Differential Equations or<br>MAT 276: Modern Differential Equations | 3-4 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 66

# Pathway Agreement

Print

**Maricopa Community College District**

**Mechanical Engineering (Computational Mechanics), BSE Pathway**

**2021-2022**

ASU Major: Mechanical Engineering (Computational Mechanics), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0 hrs | Satisfied by PHI 103. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| PHI 103: Introduction to Logic | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 121: University Physics I: Mechanics or<br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs | |

Subject Options

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Engineering degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Mechanical Engineering (Computational Mechanics), BSE degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA differently than the Maricopa Community College District, thus guaranteed admission to the Mechanical Engineering (Computational Mechanics), BSE degree program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A maximum of 64 credit hours will transfer to Arizona State University.

Students interested in completing the BSE Mechanical Engineering (Computational Mechanics) degree with two additional years at ASU, must complete MAE 241 (Intro to Thermodynamics) and MAE 384 through concurrent enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480) 965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I AND<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II | 0-9 hrs | Satisfies the CHM 114 requirement at ASU. If not completed at Maricopa, CHM 114 must be completed at ASU through concurrent enrollment or in the summer prior to admission to ASU. |
| CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) OR<br><br>CSC 100: Introduction to Computer Science (C++) or<br>CSC 100AA: Introduction to Computer Science (C++) or<br>CSC 100AB: Introduction to Computer Science (C++) | 0-4 hrs | Satisfies CSE 100 or CSE 110 at ASU. May be completed after transfer. |
| ECE 102: Engineering Analysis Tools and Techniques or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design | 4 hrs | The combination of these two courses transfers as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 105: MATLAB Programming | 1 hrs | |
| ECE 211: Engineering Mechanics- Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECE 216: Computer-Aided Engineering and<br>ECE 216LL: Computer-Aided Engineering Laboratory | 3 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | |
| MAT 225: Elementary Linear Algebra | 3 hrs | |
| MAT 277: Modern Differential Equations or<br>MAT 276: Modern Differential Equations | 3-4 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 66

# Pathway Agreement

Print

**Maricopa Community College District**

**Mechanical Engineering (Energy and Environment), BSE Pathway**

**2021-2022**

ASU Major: Mechanical Engineering (Energy and Environment), BSE | Ira A. Fulton Schools of Engineering

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities, Arts, and Design, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| SSH 111: Sustainable Cities | 3 hrs | SSH 111 satisfies [HU] or [SB], but cannot be used to satisfy both. |
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend taking one course that satisfies Social-Behavioral Science AND Cultural Diversity [C] requirement(s). |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Recommend taking one course that satisfies Social-Behavioral Science AND Cultural Diversity [C] requirement(s). |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 121: University Physics I: Mechanics or<br>PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs | |

Subject Options

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Engineering degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Mechanical Engineering (Energy and Environment), BSE degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA differently than the Maricopa Community College District, thus guaranteed admission to the Mechanical Engineering (Energy and Environment), BSE degree program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A maximum of 64 credit hours will transfer to Arizona State University.

Students interested in completing the BSE Mechanical Engineering (Energy and Environment) degree with two additional years at ASU, must complete MAE 241 (Intro to Thermodynamics) and MAE 384 through concurrent enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480) 965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU or SB requirements. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: PUBLIC SPEAKING or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I AND<br><br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II | 0-9 hrs | Satisfies the CHM 114 requirement at ASU. If not completed at Maricopa, CHM 114 must be completed at ASU through concurrent enrollment or in the summer prior to admission to ASU. |
| ECE 102: Engineering Analysis Tools an or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfers as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECE 216: Computer-Aided Engineering and<br>ECE 216LL: Computer-Aided Engineering Laboratory | 3 hrs | |
| ECE 105: MATLAB Programming OR<br><br>CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 1-4 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | |
| MAT 225: Elementary Linear Algebra | 3 hrs | |
| MAT 277: Modern Differential Equations or<br>MAT 276: Modern Differential Equations | 3-4 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 66

# Pathway Agreement

Print

**Maricopa Community College District**
**Medical Studies, BS Pathway**
**2021-2022**

ASU Major: Medical Studies, BS | College of Health Solutions

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus | 5-9 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | PHI 101 is strongly recommended for fulfilling this requirement. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| SOC 101: Introduction to Sociology or<br>CFS 205: Human Development or<br>ECN 211: Macroeconomic Principles or<br>COM 100: Introduction to Human Communication | 3 hrs | The course chosen among these is dependent upon the student's choice of post-baccalaureate professional school. Please review the ASU major map to determine which course to take. |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II | 4 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Medical Studies BS degree program. Students who are interested in pre-physical therapy should sign up for the Kinesiology MAPP instead.

While the Medical Studies BS MAPP is listed here as an Associate in Arts/AGEC-A, students have the option to pursue an Associate in Science/AGEC-S. Consult an academic advisor to discuss which associate's degree requirements align best with your educational and career goals. Students pursuing an Associate in Science (AS) degree must complete all AS requirements (refer to Maricopa Community Colleges AS checksheet), including MAT220 or MAT221 and Subject Options, and are not required to take Computer/Statistics/Quantitative Applications (CS).

Students will take CHS 300 upon transfer to ASU.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Met by HES 210 |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I L | 4 hrs | |
| CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry II | 4 hrs | |
| HES 210: Cultural Aspects of Health and Illness or<br>IFS 215: Cultural Context of Health Information | 3 hrs | |
| Professional Track courses | 8-9 hrs | Choose from the tracks listed below. BIO 201 and BIO 202 are required for the major but may be taken prior to transfer to the university. |

Total Required Credits: 64

## Track/Groups

Professional Track courses

| Professional Track Courses | | |
|---|---|---|
| BIO 201: Human Anatomy and Physiology I or<br>BIO 201XT: Human Anatomy and Physiology I OR<br><br>BIO 202: Human Anatomy and Physiology II OR<br><br>PHY 101: Introduction to Physics or<br>PHY 101AA: Introduction to Physics OR<br><br>PHY 111: General Physics I or<br>PHY 111AA: General Physics I | Occupational Therapy Professional Track. If choosing PHY courses, select PHY 101/101AA OR PHY 111/111AA, not both. | Professional Track Courses |
| BIO 201: Human Anatomy and Physiology I or<br>BIO 201XT: Human Anatomy and Physiology I OR<br><br>BIO 202: Human Anatomy and Physiology II OR<br><br>BIO 205: Microbiology OR | Pharmacy Professional Track | Professional Track Courses |
| PHY 111: General Physics I or<br>PHY 111AA: General Physics I<br><br>BIO 201: Human Anatomy and Physiology I or<br>BIO 201XT: Human Anatomy and Physiology I OR | Medicine (MD/DO) Professional Track | Professional Track Courses |

| | Professional Track Courses |
|---|---|
| BIO 202: Human Anatomy and Physiology II OR | |
| BIO 205: Microbiology OR | |
| PHY 111: General Physics I or<br>PHY 111AA: General Physics I OR | |
| PHY 112: General Physics II | |
| BIO 201: Human Anatomy and Physiology I or<br>BIO 201XT: Human Anatomy and Physiology I OR | Optometry Professional Track |
| BIO 202: Human Anatomy and Physiology II OR | |
| BIO 205: Microbiology OR | |
| PHY 111: General Physics I or<br>PHY 111AA: General Physics I OR | |
| PHY 112: General Physics II | |
| BIO 201: Human Anatomy and Physiology I or<br>BIO 201XT: Human Anatomy and Physiology I OR | Dentistry Professional Track |
| BIO 202: Human Anatomy and Physiology II OR | |
| BIO 205: Microbiology OR | |
| PHY 111: General Physics I or<br>PHY 111AA: General Physics I OR | |
| PHY 112: General Physics II | |

# Pathway Agreement

Print

**Maricopa Community College District**

**Microbiology, BS Pathway**

**2021-2022**

ASU Major: Microbiology, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 182XT: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Microbiology BS degree program.

| | | |
|---|---|---|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 220: Biology of Microorganisms | 0-4 hrs | Students may complete this course in their first semester at ASU, but are strongly encouraged to complete it prior to transferring. |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry OR<br><br>CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L AND<br><br>CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA | 4-8 hrs | Pre-health students should take the two-semester sequence (CHM 235/235LL and CHM 236/236LL) instead of CHM 230/230LL, prior to transferring to ASU. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| MAT 206: Elements of Statistics OR<br><br>SWU 225: Statistics for Social Research/Justice and Government OR<br><br>PSY 230: Introduction to Statistics | 3 hrs | Although not directly equivalent, these courses are accepted to satisfy the STP 231 requirement at ASU. Some Maricopa colleges require PSY 231 lab with PSY 230. If taken, the one-credit lab can be applied to lower division electives. |
| PHY 101: Introduction to Physics or PHY 101AA: Introduction to Physics OR<br><br>PHY 111: General Physics I and PHY 112: General Physics II | 4-8 hrs | Students considering graduate school or health professions should complete PHY 111 and PHY 112. All other students will complete PHY 101 or 101AA. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| Lower Division Elective | 0-15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 64

# Pathway Agreement

Print

**Maricopa Community College District**

**Microbiology (Medical Microbiology), BS Pathway**

**2021-2022**

ASU Major: Microbiology (Medical Microbiology), BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Microbiology (Medical Microbiology) BS degree program.

| | | |
|---|---|---|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4-5 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | COM 225 may be shared with [L]. COM 100, COM 110 or COM 230 may be shared with [SB]. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 220: Biology of Microorganisms | 0-4 hrs | Students may complete this course in their first semester at ASU, but are strongly encouraged to complete it prior to transferring. |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry Lab OR<br><br>CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I Laboratory AND<br><br>CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA Laboratory | 4-8 hrs | Pre-health students should take the two-semester sequence of organic chemistry (CHM 235/235LL and CHM 236/236LL) instead of CHM 230/230LL, prior to transferring to ASU. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| MAT 206: Elements of Statistics OR<br><br>SWU 225: Statistics for Social Research/Justice and Government OR<br><br>PSY 230: Introduction to Statistics | 3 hrs | Although not directly equivalent, these courses are accepted to meet STP 231 at ASU. Some Maricopa colleges require PSY 231 lab with PSY 230. If taken, the one-credit lab can be applied to lower division electives. |
| PHY 101: Introduction to Physics or PHY 101AA: Introduction to Physics OR<br><br>PHY 111: General Physics I and PHY 112: General Physics II | 4-8 hrs | Pre-health students should take the two-semester sequence (PHY 111 and PHY 112) instead of PHY 101. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| Lower Division Elective | 0-11 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Molecular Biosciences and Biotechnology, BS Pathway**

**2021-2022**

ASU Major: Molecular Biosciences and Biotechnology, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies (L and C) or (L and G) or (L and H) or (L and COM) or (L and CRE 101) requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II | 4 hrs |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Molecular Biosciences and Biotechnology BS degree program.

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II OR<br><br>CHM 154: General Chemistry II with Qualitative Analysis and<br>CHM 154LL: General Chemistry II with Qualitative Laboratory | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 220: Biology of Microorganisms | 0-4 hrs | Students may complete this course in their first semester at ASU, but are strongly encouraged to complete it prior to transferring. |
| CHM 230: Fundamental Organic Chemistry and<br>CHM 230LL: Fundamental Organic Chemistry OR<br><br>CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I L AND<br><br>CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry II | 4-8 hrs | Pre-health students should take CHM 235/235LL and CHM 236/236LL instead of CHM 230/230LL. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| PHY 101: Introduction to Physics OR<br><br>PHY 111: General Physics I and<br>PHY 112: General Physics II | 4-8 hrs | Pre-health students should take PHY 111 and PHY 112. See pre-health website for more information: https://prehealth.asu.edu/future-students/curriculum |
| MAT 206: Elements of Statistics OR<br><br>SWU 225: Statistics for Social Research/Justice and Government OR<br><br>PSY 230: Introduction to Statistics | 3 hrs | Although not directly equivalent, these courses are accepted to satisfy the STP 231 requirement at ASU. Some Maricopa colleges require PSY 231 lab with PSY 230. If taken, the one-credit lab can be applied to lower division electives. |
| Lower Division Elective | 0-11 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Music, BA Pathway**

**2021-2022**

ASU Major: Music, BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| MTC 180: COMPUTER LITERACY for MUSICIANS | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| MHL 194: Music and Culture | 3 hrs | MHL 194 also fulfills Global [G] awareness area. Can be taken after transfer to ASU. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | It is recommended to select a course which satisfies [SB] and awareness area [C or H] requirements simultaneously. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | [C] may be completed simultaneously with any outstanding AGEC requirements. |
| Historical or Global Awareness [H] or [G] | 0 hrs | [G] satisfied by MHL 194. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

• The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts, Emphasis in Music degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU for the Bachelor of Arts (BA) in Music degree. Acceptance into the School of Music is contingent upon a successful audition the semester before transferring to ASU. Please refer toasu.edu/admissions for application and audition deadlines. A maximum of 64 semester hours of credit will be accepted as lower-division credit when transferred from a regionally accredited community, junior or two-year college).

**Additional Music Degrees at ASU:**

**Bachelor of Music in Performance**

• Acceptance into the School of Music is contingent upon a successful audition the semester before transferring to ASU. Please refer toasu.edu/admissionsfor application and audition deadlines.

•Students wishing to pursue a Bachelor of Music (BM) in Performance (Orchestral Instrument, Voice, Keyboard, Music Theatre, Jazz, Guitar, Collaborative piano); Music Education, Music Therapy (Orchestral Instrument, Voice, Keyboard, Guitar); Music Composition (Orchestral Instrument, Voice, Keyboard, Guitar) should meet with a Herberger Institute enrollment representative to discuss audition preparation by their second term of study at the community college.

• The Bachelor of Music (BM) degree requires successful completion of an audition (live or recording) demonstrating a high level of musicianship. Depending on studio placement after the audition, newly admitted transfer students may require more than 2 years of study at ASU.

• **Class Piano:** Each music degree requires completion of class piano courses or equivalent proficiency demonstrated through a Piano Diagnostic Exam. Students who have completed MUP 131 at Maricopa Community Colleges will automatically receive equivalent course credit at ASU. Transfer students are encouraged to take the Piano Diagnostic Exam when they are in their last semester of class

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Met by COM 225 |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| MTC 105: Music Theory I and<br>MTC 106: Aural Perception I | 4 hrs | |
| MTC 155: Music Theory II and<br>MTC 156: Aural Perception II | 4 hrs | |
| MTC 205: Music Theory III and<br>MTC 206: Aural Perception III | 4 hrs | |
| MTC 255: Music Theory IV and<br>MTC 256: Aural Perception IV | 4 hrs | |
| MUP 102: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 152: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 202: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 252: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| Second Language Requirement satisfied through the following: Completion of language course at the intermediate level (course must transfer to ASU at the 202 level or above). American Sign Language does not fulfill the degree requirements. | 0-16 hrs | Language Requirement: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. |
| Lower Division Elective | 0-5 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 64

piano at the community college or other institution, or immediately upon transfer to ASU. Students can take a Piano Diagnostic Exam to test out of any of the Class Piano Requirement for their degree. Please refer to music.asu.edu/resources/new-students/diagnos for the *Piano Diagnostic Exam* requirements for each of the four semesters. The Piano Diagnostic Exam may be taken in-person or submitted by video.

• **Private Lessons/Studio Instruction**: Private lessons from prior institutions do not transfer automatically. Transfer students placed in MUP 111/127 will receive credit for three semesters of MUP 111 from a community college or other institution after they successfully complete their end-of-semester juries to advance to MUP 311/327 at ASU. Transfer students who place in MUP 311/327 upon auditioning to ASU will receive credit for four semesters of MUP 111 from a community college or other institution.

• **Large Performance Ensemble**: Ensemble credits from prior institutions do not transfer automatically. Transfer students placed in MUP 111/127 will receive credits for three semesters of MUP 111 from a community college or other institution when they successfully complete their end-of-semester juries to advance to MUP 311/327 at ASU. Transfer students who place in MUP 311/327 upon auditioning to ASU will receive credit for four semesters of MUP 111 from a community college or other institution.

• Diction for Singers (Italian, German, French) – Diction courses are required for BM in Performance (Voice). All courses must be completed with a "C" or better.

• MHL 241 and MHL 242: Transferring students who have completed MHL 241 and/or 242 are not required to take MHL 341 and/or 342 at ASU. Students who take these courses may elect alternate upper division MHL courses at ASU.

**Bachelor of Music in Music Education**

· Acceptance into the School of Music is contingent upon a successful audition the semester before transferring to ASU. Please refer toasu.edu/admissions for application and audition deadlines.

· Recommended course options - A maximum of 64 semester hours of credit will be accepted as lower-division credit when transferred from a regionally accredited community, junior or two-year college).

•EDU 222-Intro to the Exceptional Child

•GCU 113-United States and Arizona Social Studies

•MTC 180-Computer Literacy for Musicians

**Bachelor of Music in Music Therapy**

· Acceptance into the School of Music is contingent upon a successful audition the semester before transferring to ASU. Please refer toasu.edu/admissionsfor application and audition deadlines.

· Recommended course options - A maximum of 64 semester hours of credit will be accepted as lower-division credit when transferred from a regionally accredited community, junior or two-year college).

•BIO 160- Intro to Human Anatomy and Physiology

•CFS 205-Human Development

•EDU 222-Intro to the Exceptional Child

•PSY 101-Intro to Psychology

•SOC 101-Intro to Sociology

•PSY 230 or MAT 206 or SWU 225-Intro to Stats or Elements of Stats or Stats for Social Research/Justice & Government

# Pathway Agreement

Print

**Maricopa Community College District**

**Nonprofit Leadership and Management, BS Pathway**

**2021-2022**

ASU Major: Nonprofit Leadership and Management, BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| COM 225: Public Speaking | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs |
| Computer/Statistics/Quantitative Applications (CS) | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| AJS 101: Introduction To Criminal Justice | 3 hrs | AJS 101 satisfies one of the two courses for the Public Programs Interdisciplinary requirement. |
| SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Nonprofit Leadership and Management BS degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | Met by COM 225 |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| COM 259: COMMUNICATION IN BUSINESS & PROFESSIONS and<br>COM 263: ELEMENTS OF INTERCULTURAL COMM | 6 hrs | |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: PROGRAMMING OF RECREATION SERVICES | 3 hrs | |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare | 3 hrs | SWU 171 satisfies one of the two courses for the Public Programs Interdisciplinary requirement. |
| Lower Division Elective | 0-10 hrs | Lower Division Electives may include REC 250 and REC 120 if desired. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Nursing, BSN Pathway**

**2021-2022**

ASU Major: Nursing, BSN | College of Nursing and Health Innovation

## Pathway Requirements

### First Year Composition

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Mathematical Studies

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review or<br>Higher level course that meets MA requirement | 3-6 hrs | May be satisfied by any course that transfers to ASU with a MA designation as shown in the Course Equivalency Guide. |

### Humanities, Arts, and Design

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |

### Social-Behavioral Science

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |

### Natural Science

| | | |
|---|---|---|
| BIO 202: Human Anatomy and Physiology II | 4 hrs | |
| CHM 130: Fundamental Chemistry and<br>CHM 130LL: Fundamental Chemistry Laborat OR<br><br>CHM 130AA: Fundamental Chemistry with Lab | 4 hrs | |

### AGEC Awareness Areas

| | | |
|---|---|---|
| Cultural Diversity in the US, Historical or Global | 0 hrs | ASU requires all three awareness areas (C, G, and H) for graduation. Student may select an HU General Education course that concurrently satisfies C, G, and/or H. Awareness areas may be completed at the community college or after transferring to ASU. |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| CRE 101: College Critical Reading | 0-3 hrs | CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Bio (Majors) I | 0-4 hrs | |
| BIO 201: Human Anatomy and Physiology I | 4 hrs | |

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the Maricopa-ASU RN-BSN or Concurrent Enrollment (CEP) Pathway Programs and the special requirements satisfies the requirements for MCCCD Associate of Applied Science degree, satisfies lower division RN-BSN major requirements, and upon receipt of all application materials, guarantees admission to the ASU RN-BSN program.

Special Requirements: A grade of "C" or better in each course and a minimum 2.50 cumulative GPA in the following courses is required for guaranteed admission: ENG 101, ENG 102, (or ENG 107, ENG 108) BIO 201, BIO 202, BIO 205, CHM 130 with lab, and PSY 101. In addition, students must complete the courses that meet the listed general studies requirements with a grade of "C" or better. These courses are not included in the 2.50 cumulative GPA computation. All remaining courses must be completed with a grade of "C" or better.

Students in the RN-BSN option must have a current RN license in good standing before taking the courses in the RN-BSN program (TWC/NUR).

All additional ASU General Studies requirements can be completed while enrolled in the RN-BSN program. All other requirements are selected by the student and must be completed prior to graduation from ASU.

ASU will accept up to 75 transfer credit hours from an Arizona community college for the BSN. ASU will accept up to 90 transfer credit hours for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | |
|---|---|
| BIO 205: Microbiology | 4 hrs |
| NUR 152: Nursing Theory and Science I | 9 hrs |
| NUR 172: Nursing Theory and Science II | 9 hrs |
| NUR 252: Nursing Theory and Science III | 9 hrs |
| NUR 283: Nursing Theory and Science IV | 9 hrs |
| PSY 230: Introduction to Statistics OR<br>MAT 206: Elements of Statistics OR<br>GBS 221: Business Statistics | 3 hrs |

Total Required Credits: 70

# Pathway Agreement

Print

**Maricopa Community College District**
**Nutritional Science, BS Pathway**
**2021-2022**

ASU Major: Nutritional Science, BS | College of Health Solutions

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| EXS 290: Introduction to Evidence-Based Practice | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review | 3-6 hrs | Please note that ASU requires College Algebra (MAT 150 or 151 or 152 or 155 or 156) or higher [MA] course regardless of the math course(s) taken for the AA, Emphasis in Nutritional Science degree. |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | Select MAT 206 if earning the AA, Emphasis in Nutritional Science degree. |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| CHM 130: Fundamental Chemistry and<br>CHM 130LL: Fundamental Chemistry Laboratory or<br>CHM 130AA: Fundamental Chemistry with Lab OR<br><br>CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 150AA: General Chemistry I or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| BIO 205: Microbiology | 4 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Nutritional Science and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Nutritional Sciences, BS degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 201: Human Anatomy and Physiology I<br>or<br>BIO 201XT: Human Anatomy and Physiology I | 4 hrs | |
| BIO 202: Human Anatomy and Physiology II | 4 hrs | |
| CHM 230: Fundamental Organic Chemistry<br>and<br>CHM 230LL: Fundamental Organic Chemistry Laboratory | 4 hrs | |
| FON 100: Introductory Nutrition | 3 hrs | Required for the AA, Emphasis in Nutritional Science degree. |
| FON 142AB: Science of Food | 3 hrs | |
| FON 241: Principles of Human Nutrition OR<br><br>FON 241: Principles of Human Nutrition and<br>FON 241LL: Principles of Human Nutrition Laboratory | 3-4 hrs | |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Organizational Leadership, BA Pathway**
**2021-2022**

ASU Major: Organizational Leadership, BA | College of Integrative Sciences and Arts

## Pathway Requirements

| | | |
|---|---|---|
| **MCCCD Additional Requirements** | | |
| COM 100: Introduction to Human Communication OR<br>COM 110: Interpersonal Communication OR<br>COM 225: Public Speaking OR<br>COM 230: Small Group Communication | 0-3 hrs | May be shared with AGEC requirements: See aztransfer.com CEG for current AGEC values on these courses. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. CRE 101 may be used to meet Literacy and Critical Inquiry [L]. |
| **Additional Lower Division Requirements** | | |
| Maricopa AGEC - A, B, or S | 35 hrs | Complete courses to complete the Maricopa Arizona General Education Curriculum (AGEC) - A, B, or S based on your Associate's degree. A completed AGEC satisfies ASU's lower division general studies and first year composition. |
| MGT 229: Management and Leadership I 3 hrs | | |
| MGT 230: Management and Leadership II | 0-3 hrs | Can be taken after transfer but strongly recommended to complete before transfer. |
| Lower Division Elective | 28-37 hrs | Lower division electives may be taken to complete associate degree requirements. Up to a maximum total number of 75 credits may be transferred to ASU for students on this pathway. |

Total Required Credits: 75

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Students must complete the MAPP and all special requirements, must have the Arizona General Education Curriculum (AGEC-A, AGEC-S, or AGEC-B) certified on their transcript and must have their Associate Degree (AA, AAEE, AAFA, ABUS-GR, ABUS-SR, or AS) completed and noted on their transcripts. Students satisfying these criteria meet ASU major map requirements and are guaranteed admission to the Organizational Leadership BA degree program.

Special requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

The following degrees and associated sub plans accept up to 75 credit hours of community college coursework upon successful completion of an Associate Degree from partnering community colleges: Interdisciplinary Studies, BA, Liberal Studies, BA and Organizational Leadership, BA.

# Pathway Agreement

Print

**Maricopa Community College District**

**Parks and Recreation Management, BS Pathway**

**2021-2022**

ASU Major: Parks and Recreation Management, BS | College of Public Service and Community Solutions

## Pathway Requirements

| | | |
|---|---|---|
| **First Year Composition [FYC]** | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| **Literacy and Critical Inquiry [L]** | | |
| COM 225: Public Speaking | 3 hrs | |
| **Mathematical Studies [MA, CS]** | | |
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Lower Division<br>Computer/Statistics/Quantitative Applications | 3 hrs | |
| **Humanities, Arts, and Design [HU]** | | |
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |
| **Social-Behavioral Science [SB]** | | |
| REC 120: Leisure and the Quality of Life | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | The following courses from the Interdisciplinary Requirement Areas would all fulfill three credits of the Social & Behavioral Sciences AGEC requirement: AJS 101, AJS 225, AJS 270, PAD 200, and SWU 171. |
| **Natural Science [SQ, SG]** | | |
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| **General Education Awareness Areas [C, H, G]** | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | SWU 171 from the Interdisciplinary Requirement Areas would fulfill the Historical Awareness requirement |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Parks and Recreation Management BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | MCCCD COM Requirement: Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| EXS 150: Introduction to Sports Management | 3 hrs | EXS 150: ASU Parks & Recreation Management BS requires 7 courses to fulfill the PRM Related Area requirement for graduation. The remaining 6 courses will be completed after transfer to ASU. |
| REC 210: Leisure Delivery Systems 3 hrs | | |
| REC 230: PROGRAMMING OF RECREATION SERVICES | 3 hrs | Fulfills ASU's PRM 203 requirement. |
| Interdisciplinary Requirement | 3-6 hrs | Select at least two courses from two different Interdisciplinary Requirement Area tracks. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

Interdisciplinary Requirement

| Interdisciplinary Requirement | |
|---|---|
| AJS 101: Introduction To Criminal Just OR | Interdisciplinary Requirement Area #1 |
| AJS 212: Juvenile Justice Procedures OR | Interdisciplinary Requirement |
| AJS 225: Criminology OR | |
| AJS 109: Substantive Criminal Law OR | |
| AJS 270: Community Relations | Interdisciplinary Requirement |
| PAD 100: 21st Century Public Policy and Service OR | Interdisciplinary Requirement Area #2 |
| PAD 200: Public Affairs Economics | |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare | Interdisciplinary Requirement Area #3 |

# Pathway Agreement

Print

**Maricopa Community College District**

**Parks and Recreation Management (Therapeutic Recreation), BS Pathway**

**2021-2022**

ASU Major: Parks and Recreation Management (Therapeutic Recreation), BS | College of Public Service and Community Solutions

## Pathway Requirements

| | |
|---|---|
| First Year Composition [FYC] | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |
| Literacy and Critical Inquiry [L] | |
| COM 225: Public Speaking | 3 hrs |
| Mathematical Studies [MA, CS] | |
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |
| Humanities, Arts, and Design [HU] | |
| SWU 183: Introductory Ethics: A Social Service Perspective | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |
| Social-Behavioral Science [SB] | |
| CFS 205: Human Development | 3 hrs |
| REC 120: Leisure and the Quality of Life | 3 hrs |
| Natural Science [SQ, SG] | |
| BIO 160: Introduction to Human Anatomy and Physiology | 4 hrs |
| BIO 201: Human Anatomy and Physiology | 4 hrs |
| General Education Awareness Areas [C, H, G] | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Parks and Recreation Management (Therapeutic Recreation) BS degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| AJS 101: Introduction To Criminal Just | 3 hrs | |
| BIO 202: Human Anatomy and Physiology II or<br>Lower Division Elective | 4 hrs | BIO 202 is recommended for students seeking graduate education in health professions. |
| EXS 101: Introduction to Exercise Science | 3 hrs | |
| PSY 101: Introduction to Psychology | 3 hrs | |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: Programming of Recreation Services | 3 hrs | |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Performance and Movement, BA Pathway**
**2021-2022**

ASU Major: Performance and Movement, BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| THE 220: Modern Drama | 3 hrs | THE 220 can count as [L] or [HU], but not both. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | It is recommended to select a course which satisfies [HU] and awareness area [C, H, or G] requirements simultaneously. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | It is recommended to select a course which satisfies [SB] and awareness area [C, H, or G] requirements simultaneously. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement |
| Natural Science [SQ, SG] | 4 hrs | BIO 160 OR BIO 201 is required for the AAFA, Emphasis in Dance |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU.

Prospective transfer students for the BA in Performance and Movement (Dance and Theatre) program need to complete 8 credits from selected dance courses from MCCCD to fulfill lower division Physical Practices requirement.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| THP 112: Acting I | 3 hrs | |
| THP 217: Intro to Design Scenography | 3 hrs | |
| THP 214: Directing Techniques or<br>THE 118: Playwriting | 3 hrs | |
| Performance and Movement (Dance and Theatre) Lower Division Dance Elective | 0-8 hrs | Choose 8 credits of dance courses to fulfill specific lower division Physical Practices requirements at ASU from the course list below. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

## Track/Groups

Performance and Movement (Dance and Theatre) Lower Division Dance Elective

| Performance and Movement (Dance and Theatre) Lower Division Dance Elective |
|---|
| DAN 101AA: Social Dance: Ballroom or<br>DAN 101AB: Social Dance: Swing or<br>DAN 101AC: Social Dance: Latin or<br>DAN 102AA: Hip Hop I or<br>DAN 102AB: Hip Hop II or<br>DAN 104AA: Ballroom I or<br>DAN 104AB: Ballroom II or<br>DAN 129: Musical Theatre Dance I or<br>DAN 130: Musical Theatre Dance II or<br>DAN 131: Ballet I or<br>DAN 132: Modern Dance I or<br>DAN 134: Ballet II or<br>DAN 135: Modern Dance II or<br>DAN 202AA: Hip Hop III or<br>DAN 202AB: Hip Hop IV or<br>DAN 231: Ballet III or<br>DAN 231AA: Ballet III: Intensive or<br>DAN 231PA: Ballet Intermediate Level or<br>DAN 232: Modern Dance III or<br>DAN 232AA: Modern Dance III: Intensive or<br>DAN 232PA: Modern Dance Intermediate Level or<br>DAN 234: Ballet IV or<br>DAN 234AA: Ballet IV: Intensive or<br>DAN 235: Modern Dance IV or<br>DAN 235AA: Modern Dance IV: Intensive |

# Pathway Agreement

Print

**Maricopa Community College District**
**Pharmacology and Toxicology, BS Pathway**
**2021-2022**

ASU Major: Pharmacology and Toxicology, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 3-4 hrs |
| GBS 221: Business Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4-5 hrs |
| BIO 182: General Biology (Majors) II | 4 hrs |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Pharmacology and Toxicology, B.S. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 201: Human Anatomy and Physiology I or<br>BIO 201XT: Human Anatomy and Physiology I | 4 hrs | |
| BIO 202: Human Anatomy and Physiology II | 0-4 hrs | Students may fulfill this requirement after transfer to ASU. |
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II OR<br><br>CHM 154: General Chemistry II with Qualitative Analysis and<br>CHM 154LL: General Chemistry II with Qualitative Lab | 4-5 hrs | |
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I Lab | 4 hrs | |
| CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry IIA Laboratory | 4 hrs | |
| PHY 111: General Physics I or<br>PHY 111AA: General Physics I | 4-5 hrs | |
| PHY 112: General Physics II | 0-4 hrs | Students may fulfill this requirement after transfer to ASU. |
| Lower Division Elective | 0-1 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Philosophy, BA Pathway**
**2021-2022**

ASU Major: Philosophy, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| PHI 103: Introduction to Logic | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs |
| Computer/Statistics/Quantitative Applications | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| PHI 101: Introduction to Philosophy | 3 hrs |
| PHI 105: Introduction to Ethics or<br>PHI 213: Medical and Bio-Ethics OR<br><br>PHI 104: World Philosophy or<br>PHI 216: Environmental Ethics or<br>PHI 218: Philosophy of Sexuality or<br>PHI 224: Political Philosophy or<br>PHI 244: Philosophy of Religion | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Emphasis in Philosophy degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Philosophy, BAdegree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach fourth semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Philosophy (Morality, Politics and Law), BA Pathway**
**2021-2022**

ASU Major: Philosophy (Morality, Politics and Law), BA | The College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>higher level course that meets MA requirement | 3-6 hrs |
| Computer/Statistics/Quantitative Applications | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| PHI 101: Introduction to Philosophy or<br>PHI 102: Introduction to Philosophy OR<br><br>PHI 103: Introduction to Logic OR<br><br>PHI 105: Introduction to Ethics | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Philosophy degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Philosophy (Morality, Politics and Law) BA degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach fourth semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Philosophy, Religion and Society, BA Pathway**
**2021-2022**

ASU Major: Philosophy, Religion and Society, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| PHI 101: Introduction to Philosophy | 3 hrs | |
| REL 100: World Religions | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by REL 100. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Philosophy degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Philosophy, Religion and Society, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PHI 103: Introduction to Logic or<br>PHI 105: Introduction to Ethics | 3 hrs | PHI 103 may be used to fufill [L] requirement. |
| Related Area Courses | 6 hrs | Select two (2) courses for a total of six (6) credits that transfer to ASU as direct equivalents or departmental elective credit (DEC) in the following ASU prefixes: ENG, ETH, HST, IAP, IAS, PHI, REL, SPA, or WST. |
| Lower Division Elective | 0-16 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC 110 and [CSC 200 or CSC 205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional six (6) credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Physics, BA Pathway**

**2021-2022**

ASU Major: Physics, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies (L and SB) or (L and HU), or (L and COM), or (L and CRE101) requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend selecting a course that satisfies Humanities, Arts and Design [HU] and Cultural Diversity in the U.S. [C] requirements simultaneously. |
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend selecting a course that satisfies Humanities, Arts and Design [HU] and Historical Awareness [H] requirements simultaneously. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I | 4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II | 4-5 hrs | |

Subject Options

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Physics degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Physics, BA degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>OR<br><br>CHM 150AA: General Chemistry I or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 0-4 hrs | If taking PHY 241 at the community college, MAT 276 or 277: Modern Differential Equations AND MAT 225: Elementary Linear Algebra should also be taken. Students who do not take differential equations and linear algebra will need to take PHY 201 at ASU before continuing on. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach fourth semester proficiency. |
| Lower Division Elective | 0-18 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. Per Maricopa, to complete the AS Physics degree requirements, students must take MAT 225 and either (MAT 276 or MAT 277). |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Physics, BS Pathway**

**2021-2022**

ASU Major: Physics, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First-Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies (L and SB) or (L and HU), or (L and COM), or (L and CRE101) requirements simultaneously. |

Mathematical Studies [MA]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend selecting a course that satisfies Humanities, Arts and Design [HU] and Cultural Diversity in the U.S. [C] requirements simultaneously. |
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend selecting a course that satisfies Humanities, Arts and Design [HU] and Historical Awareness [H] requirements simultaneously. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Recommend selecting a course that satisfies Social-Behavioral Sciences [SB] and Global Awareness [G] requirements simultaneously. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | |
|---|---|
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or<br>PHY 115: University Physics I | 4-5 hrs |
| PHY 131: University Physics II: Electricity and Magnetism or<br>PHY 116: University Physics II | 4-5 hrs |

Subject Options

| | |
|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Physics degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Physics, BS degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 0-4 hrs | If taking PHY 241 at the community college MAT 276 or 277: Modern Differential Equations AND MAT 225: Elementary Linear Algebra should also be taken. Students who do not take differential equations and linear algebra will need to take PHY 201 at ASU before continuing on. |
| Lower Division Elective | 0-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. Per Maricopa to complete the AS Physics degree requirements, students must take MAT 225 and either (MAT 276 or MAT 277). |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Physics (Secondary Education), BS Pathway**
**2021-2022**

ASU Major: Physics (Secondary Education), BS | The College of Liberal Arts and Sciences

## Pathway Requirements

| | | |
|---|---|---|
| **First-Year Composition [FYC]** | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| **Literacy and Critical Inquiry [L]** | | |
| Literacy and Critical Inquiry [L] | 3 hrs | COM 225 recommended to also cover Oral Communication. |
| **Mathematical Studies [MA]** | | |
| MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| **Humanities, Arts, and Design [HU]** | | |
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |
| **Social-Behavioral Science [SB]** | | |
| EDU 222: Introduction to the Exceptional Learner or<br>EED 222: Introduction to the Exceptional Young Child: Birth to Age Eight | 3 hrs | |
| GCU 113: United States and Arizona Social Studies or<br>HIS 103: United States History to 1865 or<br>POS 113: United States and Arizona Social Studies | 3 hrs | GCU 113, HIS 103, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |
| **Natural Science [SQ, SG]** | | |
| PHY 115: University Physics I or<br>PHY 121: University Physics I: Mechanics | 4-5 hrs | |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs | |
| **General Education Awareness Areas [C, H, G]** | | |
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222 or EED 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103 or GCU/POS 113. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Secondary Education and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Physics (Secondary Education) BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | |

Additional Lower Division Requirements

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| PHY 118: Explorations in Science Teaching | 0-1 hrs | If not offered at Maricopa, PHY 118 must be taken at ASU after transfer. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Political Science, BA Pathway**
**2021-2022**

ASU Major: Political Science, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>higher level math course that meets [MA] requirement. | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| POS 120: World Politics or<br>POS 140: Comparative Government | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Satisfied by POS 120 or POS 140. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Political Science degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Political Science, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| POS 210: Political Ideologies | 3 hrs | |
| Lower Division Political Science Elective | 3 hrs | Select course that transfers to ASU with the POS prefix. |
| Related Area Courses | 9 hrs | Select 3 courses that transfer to ASU as direct equivalencies or department elective credit (DEC) in the following ASU prefixes: ASB, COM, ECN, GCU, HST, JHR, POS, PSY, SBS, SOC, or WST. ASU requires 12 hours of related coursework. 9 hours to be completed prior to transfer to ASU. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-10 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC 110 and [CSC 200 or CSC 205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional six (6) credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Political Science, BA Pathway**
**2021-2022**

ASU Major: Political Science, BA | College of Liberal Arts and Sciences

## Pathway Requirements

| | | |
|---|---|---|
| **First Year Composition [FYC]** | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| **Literacy and Critical Inquiry [L]** | | |
| COM 225: Public Speaking | 3 hrs | |
| **Mathematical Studies [MA, CS]** | | |
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |
| **Humanities, Arts, and Design [HU]** | | |
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |
| **Social-Behavioral Science [SB]** | | |
| POS 110: American National Government | 3 hrs | |
| POS 210: Political Ideologies | 3 hrs | |
| **Natural Science [SQ, SG]** | | |
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |
| **General Education Awareness Areas [C, H, G]** | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by POS 120 or POS 140. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Political Science degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Political Science, BA degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| POS 120: World Politics or<br>POS 140: Comparative Government | 3 hrs | |
| Related Area Elective | 0-12 hrs | Choose four Related Area courses that transfer to ASU as direct equivalencies or Departmental Elective credit (DEC) with the following ASU prefixes: AES, AFR, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST, JUS, MIS, PHI, PSY, REL, SGS, SOC, TCL, WST. Four courses fulfill the Related Area requirement. This requirement may be met within the AGEC-A. Twelve hours of related field coursework is required for graduation and may be satisfied at the lower division level or completed after transfer to ASU. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| POS Elective | 3 hrs | Select one course that transfers to ASU as a direct equivalent or Departmental Elective credit (DEC) in the POS prefix. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Lower division second language: Select 101, 102, 201, 202 as needed to reach fourth semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Political Science, BS Pathway**

**2021-2022**

ASU Major: Political Science, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| POS 120: World Politics or<br>POS 140: Comparative Government | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by POS 120 or POS 140. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Political Science degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Political Science, BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| POS 210: Political Ideologies | 3 hrs | |
| POS Elective | 6 hrs | Select 6 credits that transfer to ASU with the POS prefix. |
| Related Area Courses | 12 hrs | Select 12 credits that transfer to ASU as direct equivalencies or departmental elective credit (DEC) in the following ASU prefixes: AES, AFR, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST, JUS, MIS, PHI, PSY, REL, SGS, SOC, TCL, WST. ASU requires 12 hours of related coursework. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Political Science, BS Pathway**
**2021-2022**

ASU Major: Political Science, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| POS 210: Political Ideologies | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by POS 120 or POS 140. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are theAssociate in Arts, Emphasis in Political Science degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Political Science, BS degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| POS 120: World Politics or<br>POS 140: Comparative Government | 3 hrs | |
| Related Area Courses | 0-12 hrs | Choose four Related Area courses that transfer to ASU as direct equivalencies or Departmental Elective credit (DEC) with the following ASU prefixes: AES, AFR, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST, JUS, MIS, PHI, PSY, REL, SGS, SOC, TCL, WST. Four courses fulfill the Related Area requirement. This requirement may be met within the AGEC-A. Twelve hours of Related Area requirement is required for graduation and may be satisfied at the lower division level or may be completed after transfer to ASU. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| POS Elective | 6 hrs | Select two courses that transfer to ASU as a direct equivalencies or Departmental Elective credits (DEC) in the POS prefix. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Political Science, BS Pathway**
**2021-2022**

ASU Major: Political Science, BS | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| POS 120: World Politics or<br>POS 140: Comparative Government | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by POS 120 or POS 140. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Political Science degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Political Science, BS degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| POS 210: Political Ideologies | 3 hrs | |
| POS Elective | 6 hrs | Select 6 credits that transfer to ASU with the POS prefix. |
| Related Area Courses | 12 hrs | Select 12 credits that transfer to ASU as direct equivalents or departmental electives (DEC) in the following ASU prefixes: AES, AFR, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST, JUS, MIS, PHI, PSY, REL, SGS, SOC, TCL, WST. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Politics and the Economy, BS Pathway**
**2021-2022**

ASU Major: Politics and the Economy, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus | 3-4 hrs | Students considering graduate work in economics should select MAT 220 (5 credits) or MAT 221 (4 credits) instead of MAT 212/213. |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| POS 120: World Politics or<br>POS 140: Comparative Government | 3 hrs | POS 120 and POS 140 will also satisfy the Global Awareness (G) |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | POS120 and POS140 will satisfy Global Awareness (G) |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Politics and the Economy, BS program.

| | | | |
|---|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | | |
| ECN 212: Microeconomic Principles | 3 hrs | | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | | 3-5 hrs | Students considering graduate work in economics should select MAT 230 (5 credits) or 231 (4 credits) instead of MAT 217/218. |
| POS 210: Political Ideologies | 3 hrs | | |
| Lower Division Elective | | 1-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Psychology, BA Pathway**

**2021-2022**

ASU Major: Psychology, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 172: Finite Mathematics or<br>MAT 187: Precalculus or<br>MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>higher level course that meets MA requirement | 3-9 hrs |
| CIS 105: Survey of Computer Information Systems or<br>CSC 180: Computer Literacy or<br>CSC 180AA: Computer Literacy or<br>CSC 180AB: Computer Literacy | 3-4 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| PSY 101: Introduction to Psychology | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts,Empahsis in Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology,BAdegree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| PSY 290AB: Research Methods or<br>PSY 290AC: Research Methods | 4 hrs | PSY 290AB or PSY 290AC may be applied as Natural Science [SG] or Literacy and Critical Inquiry [L], but not both. |
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| PSY 230: Introduction to Statistics | 3 hrs | |
| Psychology Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
| Related Area Courses | 6 hrs | Select courses that transfer as a direct equivalent or departmental elective credit (DEC) in the following prefixes: ASB, COM, POS, PSY, or SOC. |
| Lower Division Elective | 0-13 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC 110 and [CSC 200 or CSC 205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional six (6) credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Psychology, BA Pathway**

**2021-2022**

ASU Major: Psychology, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| PSY 290AB: Research Methods or<br>PSY 290AC: Research Methods | 4 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 156: College Algebra/Functions with Review or<br>MAT 182: Plane Trigonometry or<br>MAT 187: Precalculus OR<br><br>Higher level course that meets MA requirement | 3-9 hrs | Students need to consider their educational path when selecting a math course. For example, students who intend to pursue medical school may need calculus. |
| PSY 230: Introduction to Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Students must complete two Natural Sciences in addition to PSY 290, at least one of which must carry the SQ designation. |
| Natural Science [SQ, SG] | 4 hrs | Students must complete two Natural Sciences in addition to PSY 290, at least one of which must carry the SQ designation. |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts,Empahsis in Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology,BAdegree program.

Special Requirements: 2.0 G.P.A. in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. If a student has previously attended ASU, but left with a G.P.A. below 2.0, that student is not eligible to pursue this pathway because the student is not admissible to Psychology at the Tempe campus.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Related Area Courses | 0-12 hrs | Select four courses (12 credit hours) which transfer as either direct equivalents or Departmental Electives (DEC) to courses in the following ASU prefixes: ASB, ASM, BIO, GCU, PHI, or SOC. Transfer equivalency is based on the semester and year the course is taken. May be met within AGEC-A or electives. |
| Psychology Elective | 3 hrs | Select one of the following: PSY 132, PSY 157, PSY 215, PSY 218, PSY 225, PSY 235, PSY 240, PSY 241, PSY 248, PSY 250, PSY 260, PSY 262, PSY 266, P2Y 275, PSY 277, or PSY 280. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Lower Division - Second Language Requirement - Select 101, 102, 201, 202 as needed to reach fourth semester proficiency. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**

**Psychology, BA, BA Pathway**

**2021-2022**

ASU Major: Psychology, BA | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| PSY 290AB: Research Methods or<br>PSY 290AC: Research Methods | 4 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 187: Precalculus OR<br><br>MAT 172: Finite Mathematics | 3-6 hrs |
| PSY 230: Introduction to Statistics | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| PSY 101: Introduction to Psychology | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Empahsis in Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology, BA degree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CIS 105: Survey of Computer Information Systems or<br>CSC 180: Computer Literacy or<br>CSC 180AA: Computer Literacy or<br>CSC 180AB: Computer Literacy | 3-4 hrs | |
| PSY Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
| Related Area Courses | 6 hrs | Select courses that transfer as a direct equivalent or departmental elective credit (DEC) in the following prefixes: ASB, COM, POS, or SOC. |
| Lower Division Elective | 0-11 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Psychology, BS Pathway**
**2021-2022**

ASU Major: Psychology, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 187: Precalculus OR<br><br>MAT 150: College Algebra / Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 151: College Algebra / Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 152: College Algebra / Functions and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>Higher level course that meets MA requirement | 5-9 hrs |
| CIS 105: Survey of Computer Information Systems or<br>CSC 180: Computer Literacy or<br>CSC 180AA: Computer Literacy or<br>CSC 180AB: Computer Literacy | 3-4 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| PSY 101: Introduction to Psychology | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts,Empahsis in Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology,BSdegree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| PSY 290AB: Research Methods or<br>PSY 290AC: Research Methods | 4 hrs | PSY 290AB or PSY 290AC may be applied as Natural Science [SG] or Literacy and Critical Inquiry [L], but not both. |
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| PSY 230: Introduction to Statistics | 3 hrs | |
| Psychology Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
| Natural Science [SQ, SG] | 8 hrs | Life Science lecture/lab course (BIO or MIC prefixes) and a Physical Science lecture/lab course (AST, CHM, GLG or PHY) are required in addition to PSY 290 [SG] and the Natural Science (SQ) General Studies requirement. |
| Related Area Courses | 6 hrs | Select courses that transfers as a direct equivalent or departmental elective credit (DEC) in the following ASU prefixes: ASB, COM, POS, PSY, or SOC. |
| Lower Division Elective | 0-6 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC 110 and [CSC 200 or CSC 205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional six (6) credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 63

# Pathway Agreement

Print

**Maricopa Community College District**

**Psychology, BS Pathway**

**2021-2022**

ASU Major: Psychology, BS | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| PSY 290AB: Research Methods or<br>PSY 290AC: Research Methods | 4 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 172: Finite Mathematics OR<br><br>MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 187: Precalculus OR<br><br>Higher level course that meets MA requirement. | 3-9 hrs | Students should consider their educational path when selecting a math course. For example, students who intend to pursue medical school may need a calculus course. |
| PSY 230: Introduction to Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Students must complete two Natural Sciences in addition to PSY 290, at least one of which must carry the SQ designation. |
| Natural Science [SQ, SG] | 4 hrs | Students must complete two Natural Sciences in addition to PSY 290. |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to thePsychology, BSdegree program.

Special Requirements: 2.0 G.P.A. in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. If a student has previously attended ASU, but left with a G.P.A. below 2.0, that student is not eligible to pursue this pathway because the student is not admissible to Psychology at the Tempe campus.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Psychology Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
| Related Area Courses | 0-12 hrs | Select four additional courses (12 credits) that transfer as either Direct Equivalency or Departmental Elective (DEC) to courses in the following ASU departments: ASB, ASM, BIO, GCU, SOC, PHI. |
| Lower Division Elective | 0-18 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Psychology, BS, BS Pathway**

**2021-2022**

ASU Major: Psychology, BS | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 187: Precalculus OR<br><br>MAT 172: Finite Mathematics | 3-6 hrs | |
| PSY 230: Introduction to Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PSY 290AB: Research Methods or<br>PSY 290AC: Research Methods | 4 hrs | PSY 290AB or PSY 290AC may be applied as Natural Science [SG] or Literacy and Critical Inquiry [L], but not both. |
| Natural Science [SQ, SG] | 4 hrs | Life Science Lab Course - Applied Biological Science, Biology, or Microbiology |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology,BSdegree program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CIS 105: Survey of Computer Information Systems or<br>CSC 180: Computer Literacy or<br>CSC 180AA: Computer Literacy or<br>CSC 180AB: Computer Literacy | 3-4 hrs | |
| PSY Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
| Related Area Courses | 6 hrs | Select a course that transfers as a direct equivalent or departmental elective credit (DEC) in the following ASU prefixes: ASB, COM, POS, PSY, or SOC. |
| Lower Division Elective | 9-12 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Psychology (Forensic Psychology), BA Pathway**

**2021-2022**

ASU Major: Psychology (Forensic Psychology), BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 172: Finite Mathematics or<br>MAT 187: Precalculus or<br>MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus or<br>higher level course that meets MA requirement | 3-5 hrs |
| CIS 105: Survey of Computer Information Systems or<br>CSC 180: Computer Literacy or<br>CSC 180AA: Computer Literacy or<br>CSC 180AB: Computer Literacy | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | Recommend selecting a course with [SB] in following prefixes: ASB, COM, POS, PSY or SOC. |

Natural Science [SQ, SG]

| | |
|---|---|
| PSY 290AB: Research Methods or<br>PSY 290AC: Research Methods | 4 hrs |
| Natural Science [SQ] | 4 hrs |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts,Emphasis in Psychologydegree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology (Forensic Psychology),BAdegree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PSY 230: Introduction to Statistics | 3 hrs | |
| Psychology Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
| Related Coursework Elective | 0-9 hrs | Select up to three courses that transfer as a direct equivalent or departmental elective credit (DEC) in the following prefixes: ASB, ASM, COM, POS, PSY, or SOC. These courses may be used to fulfill any outstanding AGEC requirements simultaneously. |
| Lower Division Elective | 0-22 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC 110 and [CSC 200 or CSC 205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 63

# Pathway Agreement

Print

**Maricopa Community College District**
**Psychology (Forensic Psychology), BS Pathway**
**2021-2022**

ASU Major: Psychology (Forensic Psychology), BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 150: College Algebra and<br>MAT 182: Functions OR<br><br>MAT 151: College Algebra and<br>MAT 182: Functions OR<br><br>MAT 152: College Algebra and<br>MAT 182: Functions OR<br><br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry OR<br><br>MAT 187: Precalculus or<br>higher level course that meets MA requirement | 5-9 hrs | |
| CIS 105: Survey of Computer Information Systems or<br>CSC 180: Computer Literacy or<br>CSC 180AA: Computer Literacy or<br>CSC 180AB: Computer Literacy | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | Recommend selecting a course with [SB] in following prefixes: ASB, COM, POS, PSY or SOC. |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology (Forensic Psychology),BSdegree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| PSY 290AB: Research Methods or PSY 290AC: Research Methods | 4 hrs | |
| Natural Science [SQ] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Life Science Lecture and Lab Course | 0-4 hrs | Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science [SQ] and [SG] requirements (eight credit hours). May be completed after transfer to ASU. |
| PSY 230: Introduction to Statistics | 3 hrs | |
| Psychology Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
| Lower Division Elective | 0-17 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC 110 and [CSC 200 or CSC 205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

ASU Arizona State University

# Pathway Agreement

Print

**Maricopa Community College District**
**Public Health, BS Pathway**
**2021-2022**

ASU Major: Public Health, BS | College of Health Solutions

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend COM 225 |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 151AA: College Algebra or<br>MAT 151AB: Functions I or<br>MAT 151AC: College Algebra or<br>MAT 151AD: Functions II or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ASB 100: Introduction to Global Health | 3 hrs | Satisfies the [G] AGEC requirement. |
| PSY 101: Introduction to Psychology | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I | 4 hrs | |
| CHM 130: Fundamental Chemistry and<br>CHM 130LL: Fundamental Chemistry Laboratory OR<br>CHM 130AA: Fundamental Chemistry with Lab | 4 hrs | |

## Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

## Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Health BS degree program.

The Public Health, BS degree may take more than four semesters after transfer to complete. Students may want to consider taking summer school or taking 18 credits in one semester if wanting to complete the degree in two years after transferring.

## General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the US [C] | 0 hrs | AGEC Awareness Area [C] met by HES 210 |
| Historical or Global Awareness [H] or [G] | 0 hrs | AGEC Awareness Area [G] met by ASB 100 |

## MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

## Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 182: General Biology (Majors) II | 4 hrs | |
| ECN 211: Macroeconomic Principles | 3 hrs | |
| HES 210: Cultural Aspects of Health and Illness | 3 hrs | |
| Lower Division Elective | 10-15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. PBH 100 and EXW 102 must be taken once students transfer to ASU, as there are no equivalent courses offered at the Maricopa Community Colleges. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Public Service and Public Policy, BS Pathway**
**2021-2022**

ASU Major: Public Service and Public Policy, BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| MAT 206: Elements of Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Sciences requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Policy BS program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD 200 at a Maricopa community college or take PAF 201 in their first semester at ASU. |
| Related Area Courses | 3 hrs | Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, SWU according to the CEG for the term taken. Course cannot come from PAD 100, PAD 201, POS 110, OR SOC 101. |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement |
|---|
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare |
| COPP Interdisciplinary Requirement |
| AJS 101: Introduction To Criminal Justice or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations |
| COPP Interdisciplinary Requirement |
| HRM 160: Tourism Principles And Practices or<br>REC 120: Leisure and the Quality of Life |

# Pathway Agreement

Print

**Maricopa Community College District**

**Public Service and Public Policy (American Indian Studies), BS Pathway**

**2021-2022**

ASU Major: Public Service and Public Policy (American Indian Studies), BS | College of Public Service and Community Solutions

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| MAT 206: Elements of Statistics | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | AIS 105 or SOC 105 can fulfill this requirement. |
| Historical or Global Awareness [H] or [G] | 0 hrs | AIS 110 or AIS 160 or SOC 160 can fulfill this requirement. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Public Policy (American Indian Studies) BS program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD 200 at a Maricopa community college or take PAF 201 in their first semester at ASU. |
| AIS 105: Introduction to American Indian Studies or<br>SOC 105: Introduction to American Indian Studies | 3 hrs | |
| AIS 110: Navajo Government or<br>AIS 160: American Indian Law or<br>SOC 160: American Indian Law | 3 hrs | |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Elective Requirement: Cannot be met with MCCCD's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement | |
|---|---|
| AJS 101: Introduction To Criminal Just or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations | Interdisciplinary Track 1 |
| **COPP Interdisciplinary Requirement** | |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare | Interdisciplinary Track 2 |
| **COPP Interdisciplinary Requirement** | |
| REC 120: Leisure and the Quality of Life or<br>HRM 160: Tourism Principles And Practices | Interdisciplinary Track 3 |

# Pathway Agreement

Print

**Maricopa Community College District**
**Public Service and Public Policy (Business), BS Pathway**
**2021-2022**

ASU Major: Public Service and Public Policy (Business), BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC ISSUES | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| MAT 206: Elements of Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Public Policy (Business) BS program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Elective Requirement: Cannot be met with MCCCD's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement | |
|---|---|
| AJS 101: Introduction To Criminal Just or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations | Interdisciplinary Track 1 |
| **COPP Interdisciplinary Requirement** | |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare | Interdisciplinary Track 2 |
| **COPP Interdisciplinary Requirement** | |
| REC 120: Leisure and the Quality of Life or<br>HRM 160: Tourism Principles And Practices | Interdisciplinary Track 3 |

# Pathway Agreement

Print

**Maricopa Community College District**

**Public Service and Public Policy (Criminology), BS Pathway**

**2021-2022**

ASU Major: Public Service and Public Policy (Criminology), BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>higher level course that meets MA requirement | 3-6 hrs | |
| MAT 206: Elements of Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Public Policy (Criminology) BS program.

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | | |
| CRE 101: College Critical Reading | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| AJS 101: Introduction To Criminal Just | 3 hrs | | |
| AJS 113: Criminal Justice Crime Contro | 3 hrs | | |
| PAD 100: 21st Century Public Policy and Service | 3 hrs | | |
| PAD 200: Public Affairs Economics | | 0-3 hrs | Student may take PAD 200 at a Maricopa community college or take PAF 201 in their first semester at ASU. |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | | 3 hrs | Public Programs Electives: Cannot be met with MCCCD's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of six credit hours. Please see below for track titles. |
| Lower Division Elective | | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement |
|---|
| AJS 212: Juvenile Justice Procedures or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations |
| **COPP Interdisciplinary Requirement** |
| REC 120: Leisure and the Quality of Life or<br>HRM 160: Tourism Principles And Practices |
| **COPP Interdisciplinary Requirement** |
| SWU 171: Introduction to Social Welfare |

# Pathway Agreement

Print

**Maricopa Community College District**

**Public Service and Public Policy (Emergency Management and Homeland Security), BS Pathway**

**2021-2022**

ASU Major: Public Service and Public Policy (Emergency Management and Homeland Security), BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| MAT 206: Elements of Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Public Policy (Emergency Management and Homeland Security) BS program.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| AJS 101: Introduction To Criminal Just | 3 hrs | |
| AJS 113: Criminal Justice Crime Contro | 3 hrs | |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement |
|---|
| AJS 212: Juvenile Justice Procedures OR |
| AJS 109: Substantive Criminal Law OR |
| AJS 270: Community Relations |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare |
| REC 120: Leisure and the Quality of Life or<br>HRM 160: Tourism Principles And Practices |

COPP Interdisciplinary Requirement

COPP Interdisciplinary Requirement

# Pathway Agreement

Print

**Maricopa Community College District**

**Public Service and Public Policy (Health Policy), BS Pathway**

**2021-2022**

ASU Major: Public Service and Public Policy (Health Policy), BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| MAT 206: Elements of Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Public Policy (Health Policy) BS program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Elective Requirement: Cannot be met with MCCCD's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement |
|---|
| AJS 101: Introduction To Criminal Just or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 109: Substantive Criminal Law OR |
| COPP Interdisciplinary Requirement |
| AJS 270: Community Relations |
| REC 120: Leisure and the Quality of Life or<br>HRM 160: Tourism Principles And Practices |
| COPP Interdisciplinary Requirement |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare |

# Pathway Agreement

Print

**Maricopa Community College District**

**Public Service and Public Policy (Law and Policy), BS Pathway**

**2021-2022**

ASU Major: Public Service and Public Policy (Law and Policy), BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| MAT 206: Elements of Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Complete at least one SQ course. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Public Policy (Law and Policy) BS program.

MCCCD Additional Requirements

| | | | |
|---|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | | |
| CRE 101: College Critical Reading | | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---|---|---|
| AJS 101: Introduction To Criminal Just | 3 hrs | | |
| AJS 113: Criminal Justice Crime Contro | 3 hrs | | |
| PAD 100: 21st Century Public Policy and Service | 3 hrs | | |
| PAD 200: Public Affairs Economics | 0-3 hrs | | |
| Related Area Course | | 3 hrs | Complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, SWU according to the CEG for the term taken. Course cannot come from PAD 100, PAD 201, POS 110, OR SOC 101. |
| COPP Interdisciplinary Requirement | | 6 hrs | Select one course (not AJS 101) from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. |
| Lower Division Elective | | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement |
|---|
| AJS 212: Juvenile Justice Procedures or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations |
| **COPP Interdisciplinary Requirement** |
| REC 120: Leisure and the Quality of Life or<br>HRM 160: Tourism Principles And Practices |
| **COPP Interdisciplinary Requirement** |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare |

# Pathway Agreement

Print

**Maricopa Community College District**

**Public Service and Public Policy (Nonprofit Leadership and Management), BS Pathway**

**2021-2022**

ASU Major: Public Service and Public Policy (Nonprofit Leadership and Management), BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs |
| MAT 206: Elements of Statistics | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| POS 110: American National Government | 3 hrs |
| SOC 101: Introduction to Sociology | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Public Policy (Nonprofit Leadership and Management) BS program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD 200 at a Maricopa community college or take PAF 201 in their first semester at ASU. |
| REC 120: Leisure and the Quality of Life | 3 hrs | |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Electives: Cannot be met with MCCCD's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 3 hrs | Select one course from College of Public Programs Interdisciplinary Requirement Tracks, for a total of 3 credit hours. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement |
|---|
| AJS 101: Introduction To Criminal Just or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations |
| HRM 160: Tourism Principles And Practices |

| COPP Interdisciplinary Requirement |
|---|
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare |

# Pathway Agreement

Print

**Maricopa Community College District**

**Public Service and Public Policy (Parks and Recreation Management), BS Pathway**

**2021-2022**

ASU Major: Public Service and Public Policy (Parks and Recreation Management), BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| MAT 206: Elements of Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Public Policy (Parks and Recreation Management) BS program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| REC 120: Leisure and the Quality of Life | 3 hrs | |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Electives: Cannot be met with MCCCD's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 3 hrs | Select one course from College of Public Programs Interdisciplinary Requirement Tracks, for a total of 3 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement | |
|---|---|
| AJS 101: Introduction To Criminal Justice or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations | Interdisciplinary Track 1 |
| HRM 160: Tourism Principles And Practices | Interdisciplinary Track 2 |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare | Interdisciplinary Track 3 |

COPP Interdisciplinary Requirement

# Pathway Agreement

Print

**Maricopa Community College District**

**Public Service and Public Policy (Science and Technology Policy), BS Pathway**

**2021-2022**

ASU Major: Public Service and Public Policy (Science and Technology Policy), BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| MAT 206: Elements of Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Public Policy (Science and Technology Policy) BS program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Electives: Cannot be met with MCCCD's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement | |
|---|---|
| AJS 101: Introduction To Criminal Justice or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations | Interdisciplinary Track 1 |
| **COPP Interdisciplinary Requirement** | |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare | Interdisciplinary Track 2 |
| **COPP Interdisciplinary Requirement** | |
| REC 120: Leisure and the Quality of Life or<br>HRM 160: Tourism Principles And Practices | Interdisciplinary Track 3 |

# Pathway Agreement

Print

**Maricopa Community College District**

**Public Service and Public Policy (Social Services Delivery), BS Pathway**

**2021-2022**

ASU Major: Public Service and Public Policy (Social Services Delivery), BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC ISSUES | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| MAT 206: Elements of Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| PHI 101: Introduction to Philosophy or<br>PHI 102: Introduction to Philosophy | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ course within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Requirement met by SWU 292 |
| Historical or Global Awareness [H] or [G] | 0 hrs | Requirement met by SWU 171. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Public Policy (Social Services Delivery) BS program.

| | | |
|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| BHS 150: Introduction to Behavioral Health and Social Services or SWU 171: Introduction to Social Welfare | 3 hrs | This course simultaneously fulfills 3 credits of the COPP Interdisciplinary Requirement. |
| SWU 291: Social Service Delivery Systems | 3 hrs | |
| SWU 295: Effective Helping in a Diverse World | 3 hrs | |
| COPP Interdisciplinary Requirement | 3 hrs | Select one course from College of Public Programs Interdisciplinary Requirement Tracks for a total of 3 credit hours in addition to SWU 171. |
| Related Area Course | 3 hrs | Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, SWU according to the CEG for the term taken. Course cannot come from PAD 100, POS 110, OR SOC 101. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement |
|---|
| AJS 101: Introduction To Criminal Just or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 109: Substantive Criminal Law |

| COPP Interdisciplinary Requirement |
|---|
| REC 120: Leisure and the Quality of Life or<br>HRM 160: Tourism Principles And Practices |

# Pathway Agreement

Print

**Maricopa Community College District**

**Public Service and Public Policy (Sustainability), BS Pathway**

**2021-2022**

ASU Major: Public Service and Public Policy (Sustainability), BS | College of Public Service and Community Solutions

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets the MA requirement. | 3-6 hrs | |
| MAT 206: Elements of Statistics | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 110: American National Government | 3 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Choose at least one SQ within the Natural Sciences Requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service and Public Policy (Sustainability) BS program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD 200 at a Maricopa community college or take PAF 201 in their first semester at ASU. |
| SSH 111: Sustainable Cities | 3 hrs | |
| SUS 110: Sustainable World | 3 hrs | |
| Related Area Elective | 3 hrs | Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, SWU according to the CEG for the term taken. Cannot be met with MCCCD's PAD 100, PAD 200, POS 110, or SOC 101. |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

## Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement | |
|---|---|
| AJS 101: Introduction To Criminal Justice or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations | Interdisciplinary Track 1 |
| **COPP Interdisciplinary Requirement** | |
| HRM 160: Tourism Principles And Practices | Interdisciplinary Track 2 |
| **COPP Interdisciplinary Requirement** | |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare | Interdisciplinary Track 3 |

# Pathway Agreement

Print

**Maricopa Community College District**

**Recreation Therapy, BS Pathway**

**2021-2022**

ASU Major: Recreation Therapy, BS | Watts College of Public Service & Community Solut

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| COM 225: Public Speaking | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| SWU 183: Introductory Ethics: A Social Service Perspective | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| PSY 101: Introduction to Psychology | 3 hrs |
| REC 120: Leisure and the Quality of Life | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 160: Introduction to Human Anatomy and Physiology | 4 hrs |
| BIO 201: Human Anatomy and Physiology I | 4 hrs |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Recreation Therapy BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225 |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| AJS 101: Introduction To Criminal Justice or<br>AJS 109: Substantive Criminal Law or<br>AJS 113: Criminal Justice Crime Control Policies and Prctices or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 230: The Police Function or<br>AJS 240: The Correction Function or<br>AJS 270: Community Relations or<br>PAD 100: 21st Century Public Policy and Service or<br>PAD 200: Public Affairs Economics | 3 hrs | Fulfill's ASU Interdisciplinary Requirement |
| BIO 202: Human Anatomy and Physiology II or<br>Lower Division Elective | 3-4 hrs | BIO 202 is recommended for students seeking graduate education in health professions |
| CFS 205: Human Development | 3 hrs | |
| EXS 101: Introduction to Exercise Science | 3 hrs | |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: Programming of Recreation Services | 3 hrs | |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Religious Studies (Religion, Culture and Public Life), BA Pathway**

**2021-2022**

ASU Major: Religious Studies (Religion, Culture and Public Life), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>higher course that meets MA requirements. | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | May select a course that transfers as a departmental elective (DEC) or direct equivalency within the REL prefix. |
| Humanities, Arts, and Design [HU] | 3 hrs | May select a course that transfers as a departmental elective (DEC) or direct equivalency within the REL prefix. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | May select Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST. |
| Social-Behavioral Science [SB] | 3 hrs | May select Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Religious Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Religious Studies (Religion, Culture and Public Life) BA degree program.

After Transfer to ASU: 2.5 cumulative GPA in religious studiescourses required for graduation.

REL 101 is a required course that will be needed after transfer to ASU.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Related Area Courses | 0-6 hrs | Select up to two Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST. May be satisfied within Humanities, Arts and Design and Social and Behavioral Sciences AGEC categories. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Religious Studies (Religion, Politics and Global Affairs), BA Pathway**

**2021-2022**

ASU Major: Religious Studies (Religion, Politics and Global Affairs), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | May select a course that transfers as a departmental elective (DEC) or direct equivalency within the REL prefix. |
| Humanities, Arts, and Design [HU] | 3 hrs | May select a course that transfers as a departmental elective (DEC) or direct equivalency within the REL prefix. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | May select Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST. |
| Social-Behavioral Science [SB] | 3 hrs | May select Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Religious Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Religious Studies (Religion, Politics and Global Affairs) BA degree program.

After Transfer to ASU: 2.5 cumulative GPA in religious studiescourses required for graduation.

REL 101 is a required course that will be needed after transfer to ASU.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Related Area Courses | 0-6 hrs | Select up to two Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST. May be satisfied within Humanities, Arts and Design and Social and Behavioral Sciences AGEC categories. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Science of Health Care Delivery, BS Pathway**
**2021-2022**

ASU Major: Science of Health Care Delivery, BS | College of Health Solutions

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 151AA: College Algebra/Functions I / College Algebra/Functions II / College Algebra/Functions III / College Algebra/Functions IV or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| PHI 105: Intro to Ethics | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| ECN 211: Macroeconomic Principles or<br>ECN 212: Microeconomic Principles | 3 hrs |
| SOC 101: Introductory Sociology | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| HES 210: Cultural Aspects of Health and Illness or<br>IFS 215: Cultural Context of Health Information | 3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Science of Health Care Delivery, BS degree program.

MCCCD Additional Requirements

| | |
|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs |

Additional Lower Division Requirements

| | |
|---|---|
| Lower Division Elective | 22-25 hrs |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Science, Technology and Society, BS Pathway**
**2021-2022**

ASU Major: Science, Technology and Society, BS | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level approved [MA] course | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [C] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| SOC 180: Social Implications of Technology | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Science, Technology and Society, BS degree program.

Up to a maximum total number of 75 credits may be transferred to ASU for students on this MAPP.

MCCCD Additional Requirements

| | | |
|---|---|---|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Science, Technology, and Society Related Area | 6 hrs | Select 2 courses that transfer to ASU as a Departmental Elective from the following prefixes: AES, AFR, AIS, APA, ASM, COM, ECN, FAS, GCU, HST, ISS, JUS, MIS, POS, PHI, PSY, REL, SGS, SOC, TCL, WST |
| Lower Division Elective | 7-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Secondary Education (Biological Sciences), BAE Pathway**

**2021-2022**

ASU Major: Secondary Education (Biological Sciences), BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | COM 225 is recommended. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I OR<br><br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | Required for the AS, Emphasis in Secondary Education. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| EDU 221: Introduction to Education or<br>EED 200: Foundations of Early Childhood Education | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| BIO 181: General Biology (Majors) I or<br>BIO 181XT: General Biology (Majors) I | 4 hrs | |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II | 4 hrs | |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Secondary Education and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (Biological Sciences) BAE degree program.

Special Requirements: 2.5 GPA in Biological Sciences concentration courses. 2.5 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

While successful completion of the MAPP will guarantee admission to Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the iTeachAZ Professional Teacher Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

| | | |
|---|---|---|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 150AA: General Chemistry I or CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory or CHM 152AA: General Chemistry II or CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | 4-5 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| EDU 222: Introduction to the Exceptional Learner or EED 222: Introduction to the Exceptional Young Child: Birth to Age Eight | 3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103 or GCU 113/POS 113. |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 205: Microbiology OR BIO 220: Biology of Microorganisms | 4 hrs | |
| CSC 180: Computer Literacy or CSC 180AA: Computer Literacy or CSC 180AB: Computer Literacy OR CIS 105: Survey of Computer Information Systems | 3-4 hrs | |
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 230: Cultural Diversity in Education | 3 hrs | |
| GCU 113: United States and Arizona Social Studies or HIS 103: United States History to 1865 or POS 113: United States and Arizona Social Studies | 3 hrs | GCU 113, HIS 103, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |
| POS 221: Arizona Constitution | 0-1 hrs | Take POS 221 to meet AZ Constitution requirement if HIS 103 was taken rather than GCU 113/POS 113. |
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Secondary Education (Chemistry), BAE Pathway**
**2021-2022**

ASU Major: Secondary Education (Chemistry), BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| EDU 222: Intro to EXCEPTIONAL LEARNER | 3 hrs | |
| GCU 113: United States and Arizona Social Studies or<br>POS 113: United States and Arizona Social Studies or<br>HIS 103: United States History to 1865 | 3 hrs | GCU 113, HIS 103, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory<br>or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory OR<br><br>CHM 152AA: General Chemistry II | 4 hrs | |

Subject Options

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Secondary Education and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (Chemistry) BAE degree program.

Special Requirements: 2.5 GPA in Chemistry concentration courses. 2.5 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the iTeachAZ Professional Teacher Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| PHY 101: Introduction to Physics or<br>PHY 101AA: Introduction to Physics | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103 or GCU 113/POS 113. |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| CHM 235: General Organic Chemistry I and<br>CHM 235LL: General Organic Chemistry I Laboratory | 4 hrs | |
| CHM 236: General Organic Chemistry IIA and<br>CHM 236LL: General Organic Chemistry IIA Laboratory | 4 hrs | |
| CIS 105: Survey of Computer Information Systems or<br>BPC 110: Computer Usage & Applications or<br>CSC 180: Computer Literacy | 3 hrs | |
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | |
| POS 221: Arizona Constitution | 0-1 hrs | Take POS 221 to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 for [SB]. |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**
**Secondary Education (English), BAE Pathway**
**2021-2022**

ASU Major: Secondary Education (English), BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| ENG 200: READING & WRITING ABOUT LITERATURE | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review or<br>higher level course that meets MA requirement | 3-6 hrs | |
| CSC 180: Computer Literacy or<br>CIS 105: Survey of Computer Information Systems or<br>BPC 110: Computer Usage & Applications | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ENH 221: SURVEY OF ENGLISH LITERATURE BEFORE 1800 | 3 hrs | |
| ENH 222: Survey of English Literature After 1800 | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| EDU 222: Intro to EXCEPTIONAL LEARNER | 3 hrs | |
| GCU 113: United States and Arizona Social Studies or<br>POS 113: United States and Arizona Social Studies or<br>HIS 103: United States History to 1865 | 3 hrs | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (English) BAE degree program.

Special Requirements: 2.5 GPA in English concentration courses beyond first-year composition. 2.5 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by ENH 222. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | |
| ENH 241: American Literature Before 1860 | 3 hrs | |
| ENH 242: American Literature After 1860 | 3 hrs | |
| POS 221: Arizona Constitution | 0-1 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 for [SB]. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Secondary Education (History), BAE Pathway**
**2021-2022**

ASU Major: Secondary Education (History), BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | COM 225 recommended to also cover Oral Communication. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| CSC 180: Computer Literacy or<br>CIS 105: Survey of Computer Information Systems or<br>BPC 110: Computer Usage & Applications | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| HIS 103: United States History to 1865 | 3 hrs | HIS 103 meets US Constitution teacher certification requirement. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| EDU 222: Intro to EXCEPTIONAL LEARNER | 3 hrs | |
| HIS 104: United States History 1865 to Present | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (History) BAE degree program.

Special Requirements: 2.5 GPA in History concentration courses. 2.5 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the iTeachAZ Professional Teacher Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | |
| HIS 100: HIST OF W CIVILIZATION TO MID AGES or<br>HIS 101: HIST OF W CIVILIZATION/MID AGES-1789 or<br>HIS 102: HIST OF W CIVILIZATION/1789 TO PRSNT or<br>HIS 110: World History to 1500 or<br>HIS 111: WORLD HISTORY 1500 TO the PRESENT or<br>HIS 253: History of Ireland to 1603 or<br>HIS 254: HISTORY OF IRELAND 1603-PRESENT | 6 hrs | Select two courses from the list. HIS 110 and HIS 111 are preferred. |
| HIS 279: Creating and Telling Fact-Based Historical Stories or<br>STO 279: Creating and Telling Fact-Based Historical Stories | 0-3 hrs | If HIS 279 and STO 279 are not currently offered by Maricopa, HST 130 will need to be completed after transfer to ASU. |
| POS 221: Arizona Constitution | 1 hrs | |
| Related Area Courses | 6 hrs | Select two ECN/GCU/POS courses |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Secondary Education (Mathematics), BAE Pathway**
**2021-2022**

ASU Major: Secondary Education (Mathematics), BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | COM 225 recommended to also cover Oral Communication |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |
| BPC 110: Computer Usage and Applications OR<br><br>CIS 105: Survey of Computer Information Systems OR<br><br>CIS 163AA: Java Programming: Level I OR<br><br>CSC 100: Introduction to Computer Science (C++) or<br>CSC 100AB: Introduction to Computer Science (C++) OR<br><br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) OR<br><br>CSC 150: Programming in C/C++ OR<br><br>CSC 180: Computer Literacy OR<br><br>CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures or<br>CSC 205AC: Object Oriented Programming and Data Structures or<br>CSC 205AD: Object Oriented Programming and Data Structures | 3 hrs | ASU recommends BPC 110, CIS 105, or CSC 180 |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| EDU 222: Intro to EXCEPTIONAL LEARNER | 3 hrs | |
| GCU 113: United States and Arizona Social Studies or<br>POS 113: United States and Arizona Social Studies or<br>HIS 103: United States History to 1865 | 3 hrs | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (Mathematics) BAE degree program.

2.5 GPA required in Mathematics concentration courses and coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the iTeachAZ Professional Teacher Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs | |
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 0-4 hrs | Can be completed after transfer to ASU. |
| POS 221: Arizona Constitution | 0-1 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 for [SB]. |
| Lower Division Elective | 0-1 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Secondary Education (Physical Education), BAE Pathway**

**2021-2022**

ASU Major: Secondary Education (Physical Education), BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets the MA requirement. | 3-6 hrs | |
| CIS 105: Survey of Computer Information Systems OR<br><br>CSC 180: Computer Literacy OR<br><br>BPC 110: Computer Usage & Applications | 3 hrs | Any [CS] General Studies course can satisfy this requirement. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| EDU 291: Children's Literature or<br>ENH 291: Children's Literature | 3 hrs | EDU 291 is an acceptable MAPP course substitution for TEL 208. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| HIS 103: United States History to 1865 or<br>POS 113: United States and Arizona Social Studies or<br>GCU 113: United States and Arizona Social Studies | 3 hrs | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |
| EDU 222: Intro to EXCEPTIONAL LEARNER | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select a course that satisfies the [SQ] requirement. BIO 181 recommended. |
| BIO 201: Human Anatomy and Physiology | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (Physical Education) BAE degree program.

While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires a 2.5 GPA instead for coursework used to satisfy MAPP requirements. All courses must be completed with a C or greater.

While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the Professional Pathways Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103 or GCU 113/POS 113. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 202: Human Anatomy and Physiology | 4 hrs | |
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| EXS 101: Introduction to Exercise Science | 3 hrs | Meets requirement and course prerequisite for the AA, Emphasis in Secondary Education. |
| EXS 125: Introduction to Exercise Physiology | 3 hrs | Meets requirement and course prerequisite for the AA, Emphasis in Secondary Education. |
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 221: Introduction to Education or<br>EED 200: Foundations of Early Childhood Education | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | |
| EXS 215: Fitness for Life | 3 hrs | |
| EXS 217: Cardiorespiratory and Flexibility Training | 3 hrs | |
| HES 100: Healthful Living | 3 hrs | Meets requirement and course prerequisite for the AA, Emphasis in Secondary Education. |
| POS 221: Arizona Constitution | 0-1 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 for [SB]. |

Total Required Credits: 66

# Pathway Agreement

Print

**Maricopa Community College District**
**Secondary Education (Physics), BAE Pathway**
**2021-2022**

ASU Major: Secondary Education (Physics), BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | COM 225 recommended to also cover Oral Communication. |

Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| EDU 222: Intro to EXCEPTIONAL LEARNER | 3 hrs | |
| HIS 103: United States History to 1865 or<br>POS 113: United States and Arizona Social Studies or<br>GCU 113: United States and Arizona Social Studies | 3 hrs | GCU 113, HIS 103, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4-5 hrs | |
| PHY 116: University Physics II or<br>PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs | |

Subject Options

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III<br>or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Secondary Education and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (Physics) BAE degree program.

Special Requirements: 2.5 GPA in Physics concentration courses. 2.5 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the iTeachAZ Professional Teacher Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103 or GCU 113/POS 113. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| CIS 105: Survey of Computer Information Systems or<br>BPC 110: Computer Usage & Applications or<br>CSC 180: Computer Literacy | 3 hrs | |
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | |
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 4 hrs | |
| POS 221: Arizona Constitution | 0-1 hrs | Take POS 221 to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 for [SB]. |
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Secondary Education (Political Science), BAE Pathway**

**2021-2022**

ASU Major: Secondary Education (Political Science), BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | COM 225 recommended to also cover Oral Communication. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| CIS 105: Survey of Computer Information Systems or<br>BPC 110: Computer Usage & Applications or<br>CSC 180: Computer Literacy | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| HIS Elective | 3 hrs | Select a course that transfers to ASU as HST Direct Equivalency or Department Elective with HU General Studies designation. This course will count towards the 12 total credit hours for Related Area requirement. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| POS 120: World Politics or<br>POS 140: Comparative Government | 3 hrs | |
| EDU 222: Intro to EXCEPTIONAL LEARNER | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (Political Science) BAE degree program.

Special Requirements: 2.5 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the iTeachAZ Professional Teacher Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by POS 120 or POS 140. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| HIS 103: United States History to 1865 or<br>GCU 113: United States and Arizona Social Studies or<br>POS 113: United States and Arizona Social Studies or<br>POS 220: U.S. and Arizona Constitution | 3 hrs | HIS 103, GCU 113, POS 113 meets US Constitution teacher certification requirement. GCU 113, POS 113, GCU 227, or POS 227 also meets AZ Constitution teacher certification requirements. |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | |
| POS 110: American National Government | 3 hrs | |
| POS 210: Political Ideologies | 3 hrs | |
| POS 221: Arizona Constitution | 0-1 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU 113, POS 113, GCU 227, POS 227, or POS 220. |
| Political Science Elective | 6 hrs | Select courses from the Course Equivalency Guide that transfer to ASU as POS Direct Equivalency or Department Elective. Determination is made based on the semester and year the course is taken. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**
**Social Justice and Human Rights, BA Pathway**
**2021-2022**

ASU Major: Social Justice and Human Rights, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ course within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social Justice and Human Rights, B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Focus Area Courses | 0-6 hrs | Select courses to fulfill up to 6 credit hours from one of the following focus areas: Materialism, Intersectionality & Inequality; Advocacy and Social Change; Critical Trauma Studies and Everyday Humanitarianism. Focus Area courses can be taken after transfer. |
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

## Track/Groups

Focus Area Courses

| Focus Area Courses | |
|---|---|
| ASB 211: Women in Other Cultures | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. |
| **Focus Area Courses** | |
| AFR 202: Ethnic Relations in the United States or<br>ASB 202: Ethnic Relations in the United States or<br>CCS 202: Ethnic Relations in the United States | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. |
| **Focus Area Courses** | |
| POS 120: World Politics | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. |
| **Focus Area Courses** | |
| SOC 251: Social Problems | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. |
| **Focus Area Courses** | |
| SOC 212: Gender and Society | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. |
| **Focus Area Courses** | |
| SOC 241: Race and Ethnic Relations | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. |
| **Focus Area Courses** | |
| WST 100: Women and Society | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. |

# Pathway Agreement

Print

**Maricopa Community College District**

**Social Work, BSW Pathway**

**2021-2022**

ASU Major: Social Work, BSW | College of Public Service and Community Solutions

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications | 3 hrs | Recommend a statistics course. |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| PHI 101: Introduction to Philosophy or<br>PHI 105: Introduction to Ethics or<br>SWU 183: Introductory Ethics: A Social Service Perspective | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology or<br>SOC 101: Introduction to Sociology | 3 hrs | |
| SWU 182: A Social Services Perspective of Government or<br>POS 110: American National Government | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | Recommend BIO 156 or BIO 160 or BIO 201. |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by SWU 295. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by SWU 171. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts,Emphasis in Social Work degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Social Work,BSWdegree program.

Upon transfer to ASU students must complete the following milestones in order to progress in the major: Successful completion of 40 hours of social work-related experiences (SWU 291); and a 2.5 cumulative GPA with at least a C in social work courses ASU-SWU 171, 291, 295 (or equivalent MCCCD courses).Minimum 3.0 GPA with at least a C in SWU 306, SWU 311, SWU 312, SWU 303, SWU 340, & SWU 374 and a minimum overall GPA of 2.0 in order to advance to 400 level SWU courses.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles or<br>SWU 181: Economics: A Social Issues Perspective | 3 hrs | |
| BHS 150: Introduction to Behavioral Health and Social Services or<br>SWU 171: Introduction to Social Welfare | 3 hrs | |
| SWU 291: Social Service Delivery Systems | 3 hrs | |
| SWU 295: Effective Helping in a Diverse World | 3 hrs | |
| Interdisciplinary Requirement | 6 hrs | Select two classes from at least two of the three Area tracks. The track titles are located in the comments section of each track at the bottom of this page. |
| Cultures or Language: Completion of three courses in cultural diversity OR Completion of a language course at the intermediate level (202 or equivalent). Courses completed for Cultures or Language cannot be used to meet other requirements. | 0-16 hrs | College Level Examination Program (CLEP) will satisfy language requirement, if 202 level language proficiency is met. Credits must be transferred to ASU Admissions. Cultural Diversity courses can be found in the Course Equivalency Guide. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

## Track/Groups

Interdisciplinary Requirement

| Interdisciplinary Requirement |
|---|
| AJS 101: Introduction To Criminal Justice or<br>AJS 212: Juvenile Justice Procedures or<br>AJS 225: Criminology or<br>AJS 109: Substantive Criminal Law or<br>AJS 270: Community Relations |
| PAD 100: 21st Century Public Policy and Service or<br>PAD 200: Public Affairs Economics |
| REC 120: Leisure and the Quality of Life |

Interdisciplinary Requirement

Interdisciplinary Requirement

# Pathway Agreement

Print

**Maricopa Community College District**
**Social and Behavioral Sciences, BA Pathway**
**2021-2022**

ASU Major: Social and Behavioral Sciences, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review OR<br><br>MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review OR<br><br>MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 187: Precalculus OR<br><br>MAT 172: Finite Mathematics | 3-9 hrs |
| Computer/statistics/quantitative applications (CS) | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Behavioral Sciences, B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>POS 110: American National Government OR<br><br>POS 120: World Politics OR<br><br>PSY 101: Introduction to Psychology OR<br><br>SOC 101: Introduction to Sociology OR<br><br>ASB 102: Introduction to Cultural Anthropology OR<br><br>SSH 111: Sustainable Cities | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirements. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| Program Electives | 9 hrs | Select 9 credits of coursework from ASU prefixes ASB, JHR, POS, SBS or SOC. These courses may simultaneously fulfill any outstanding AGEC requirements. If needed, remaining courses can be completed at ASU. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. SBS 200 can be taken after transfer to ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Social and Behavioral Sciences, BS Pathway**
**2021-2022**

ASU Major: Social and Behavioral Sciences, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review OR<br><br>MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review OR<br><br>MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 187: Precalculus OR<br><br>MAT 172: Finite Mathematics | 3-8 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Behavioral Sciences, B.S. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>POS 110: American National Government OR<br><br>PSY 101: Introduction to Psychology OR<br><br>SOC 101: Introduction to Sociology OR<br><br>ASB 102: Introduction to Cultural Anthropology OR<br><br>SSH 111: Sustainable Cities | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirements. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| Program Electives | 9 hrs | Select 9 credits that transfer to ASU with any of the following prefixes: ASB, JHR, POS, or SOC. These courses may simultaneously fulfill any outstanding AGEC requirements. |
| Lower Division Elective | 0-16 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Social and Cultural Analysis (American Studies), BA Pathway**

**2021-2022**

ASU Major: Social and Cultural Analysis (American Studies), BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| WST 100: Women and Society or<br>AFR 202: Ethnic Relations in the United States or<br>ASB 202: Ethnic Relations in the United States or<br>CCS 202: Ethnic Relations in the United States | 3 hrs | WST 100 or ETH 100 can also satisfy the Cultural Diversity in the U.S. (C) requirement. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Requirement can be satisfied by WST 100 or ETH 100. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Cultural Analysis (American Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA Pathway**

**2021-2022**

ASU Major: Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| AFR 202: Ethnic Relations in the United States or<br>ASB 202: Ethnic Relations in the United States or<br>CCS 202: Ethnic Relations in the United States or<br>WST 100: Women and Society | 3 hrs | WST 100 or ETH 100 can also satisfy the Cultural Diversity in the U.S. (C) requirement |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Requirement can be satisfied by WST 100 or ETH 100 |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Social and Cultural Analysis (Latin American Studies), BA Pathway**

**2021-2022**

ASU Major: Social and Cultural Analysis (Latin American Studies), BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design | 3 hrs | |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| WST 100: Women and Society or<br>ASB 202: Ethnic Relations in the United States or<br>CCS 202: Ethnic Relations in the United States or<br>AFR 202: Ethnic Relations in the United States | 3 hrs | WST 100 or ETH 100 can also satisfy the Cultural Diversity in the U.S. (C) requirement. |
| Social-Behavioral Science | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | WST 100 or ETH 100 can also satisfy this requirement |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Cultural Analysis (Latin American Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Social and Cultural Analysis (Peace Studies), BA Pathway**

**2021-2022**

ASU Major: Social and Cultural Analysis (Peace Studies), BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| AFR 202: Ethnic Relations in the United States or<br>ASB 202: Ethnic Relations in the United States or<br>CCS 202: Ethnic Relations in the United States or<br>WST 100: Women and Society | 3 hrs | WST 100 or ETH 100 can also satisfy the Cultural Diversity in the U.S. (C) requirement |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Requirement can be satisfied by WST 100 or ETH 100 |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Cultural Analysis (Peace Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences? Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Social and Cultural Analysis (Queer and Sexuality Studies), BA Pathway**

**2021-2022**

ASU Major: Social and Cultural Analysis (Queer and Sexuality Studies), BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| AFR 202: Ethnic Relations in the United States or<br>ASB 202: Ethnic Relations in the United States or<br>CCS 202: Ethnic Relations in the United States or<br>WST 100: Women and Society | 3 hrs | WST 100 or ETH 100 can also satisfy the Cultural Diversity in the U.S. (C) requirement |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | This requirement can also be satisfied by WST 100 or ETH 100 |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Cultural Analysis (Queer and Sexuality Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Social and Cultural Analysis (Women and Gender Studies), BA Pathway**

**2021-2022**

ASU Major: Social and Cultural Analysis (Women and Gender Studies), BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| WST 100: Women and Society | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by WST 100. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Women & Gender Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Social and Cultural Analysis (Women and Gender Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC 110 and [CSC 200 or CSC 205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Sociology, BA Pathway**

**2021-2022**

ASU Major: Sociology, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | CIS 105 or BPC 110 is recommended by Maricopa. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| SOC 101: Introduction to Sociology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | SOC 212 is recommended. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | SOC 212 is recommended. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts,Sociology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Sociology,BAdegree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Related Area Courses | 15 hrs | Select five courses (15 hours) that transfer to ASU in the following ASU prefixes: ASB, JHR, POS, PSY, or courses that transfer to ASU with Social Behavioral [SB] designation. May be met within AGEC. |
| SOC 212: Gender and Society or<br>SOC 241: Race and Ethnic Relations or<br>SOC 251: Social Problems | 3 hrs | Will fulfill SOC Elective requirement. |
| Lower Division Elective | 0-7 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Sociology, BS Pathway**

**2021-2022**

ASU Major: Sociology, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

| | | |
|---|---|---|
| **First Year Composition [FYC]** | | |
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |
| **Literacy and Critical Inquiry [L]** | | |
| Literacy and Critical Inquiry [L] | 3 hrs | |
| **Mathematical Studies [MA, CS]** | | |
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | Maricopa recommends CIS 105 or BPC 110. |
| **Humanities, Arts, and Design [HU]** | | |
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |
| **Social-Behavioral Science [SB]** | | |
| SOC 101: Introduction to Sociology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | SOC 212 is recommended. |
| **Natural Science [SQ, SG]** | | |
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |
| **General Education Awareness Areas [C, H, G]** | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs | SOC 212 is recommended. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Sociology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Sociology, BSdegree program

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| SOC 212: Gender and Society OR<br><br>SOC 241: Race and Ethnic Relations OR<br><br>SOC 251: Social Problems | 3 hrs | SOC 212 is recommended. |
| Related Area Courses | 12 hrs | Select up to four courses (12 hours) that transfer to ASU in the following ASU prefixes: ASB, JHR, POS, or PSY; or courses that transfer to ASU with Social Behavioral [SB] designation. May be met within AGEC. |
| Lower Division Elective | 0-10 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC 110 and [CSC 200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Sociology, BS Pathway**

**2021-2022**

ASU Major: Sociology, BS | College of Liberal Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement. | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | Maricopa recommends CIS 105 or BPC 110. |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| SOC 101: Introduction to Sociology | 3 hrs | |
| SOC 251: Social Problems or<br>SOC 241: Racial and Ethnic Minorities or<br>SOC 212: Gender and Society | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Can be satisfied by SOC 212 or SOC 241. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Recommend selecting a course that satisfies Historical or Global Awareness [H] or [G] and Social-Behavioral Sciences [SB], or Humanities and Fine Arts [HU] requirements simultaneously. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Emphasis in Sociology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Sociology,BSdegree program

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Related Area Courses | 12 hrs | Select four courses (12 total credits) that transfer to ASU as direct equivalents or Departmental Electives (DEC) in the following ASU prefixes: AFR, APA, CDE, ECN, FAS, GCU, HST, POS, PSY, SOC, TCL, or WST. At least two courses (six credits) must earn Social-Behavioral Sciences (SB) General Studies at ASU. |
| Lower Division Elective | 0-13 hrs | At least three credit hours must be used for one of the following courses: SOC 212, SOC 241, or SOC 251 [choose one not already applied above to meet SB] |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Software Engineering, BS Pathway**
**2021-2022**

ASU Major: Software Engineering, BS | Ira A. Fulton Schools of Engineering

## Pathway Requirements

### First-Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies a Literacy and Critical Inquiry and a HU, SB, Awareness Areas, COM225 or CRE101 requirements simultaneously. |

### Mathematical Studies [MA]

| | | |
|---|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours. |
| Social-Behavioral Science [SB] | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 150AA: General Chemistry I and<br>CHM 152: General Chemistry II and<br>CHM 152LL: General Chemistry II Laboratory or<br>CHM 152AA: General Chemistry II OR<br><br>BIO 181: General Biology (Majors) I and<br>BIO 182: General Biology (Majors) II | 8-9 hrs | Select a Biology, Chemistry or Physics sequence. Fulfills the SQ/SG Lab Science requirement at ASU. |

### Subject Options

| | | |
|---|---|---|
| MAT 230: Calculus with Analytic Geometry II<br>or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III or<br>MAT 276: Modern Differential Equations or<br>MAT 277: Modern Differential Equations | 4-5 hrs | Calc III or Differential Equations |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Computer Science degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Software Engineering,BS degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 2.75 cumulative transfer GPA. A total of 64 credit hours will transfer to Arizona State University.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | Awareness Area courses may concurrently satisfy HU, SB or L requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | May be shared with AGEC. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. This course can be used in place of the EGR 104 requirement. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 205: Object Oriented Programming or<br>CSC 205AA: Object Oriented Programming or<br>CSC 205AB: Object Oriented Programming | 3-4 hrs | |
| CSC 110: Introduction to Computer Science or<br>CSC 110AA: Introduction to Computer Science or<br>CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs | |
| CSC 120: Digital Design Fundamentals or<br>EEE 120: Digital Design Fundamentals | 4 hrs | This course will meet the SER 232 requirement for Software Engineering. |
| CSC 240: Introduction to Different Programming Languages | 3 hrs | |
| ECE 102: Engineering Analysis Tools and Techniques or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| EEE 230: COMPUTER ORG & ASSEMBLY LANGUAGE or<br>CSC 230: COMPUTER ORG & ASSEMBLY LANGUAGE | 4 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs | |
| PHY 115: University Physics I or<br>PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4-5 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 66

# Pathway Agreement

Print

**Maricopa Community College District**

**Spanish, BA Pathway**

**2021-2022**

ASU Major: Spanish, BA | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Recommended courses to satisfy HU requirement: SLC 201 or ENG 213. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | Recommended courses to satisfy [SB] requirement: SLC 201 or ENG 213. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | Global awareness area [G] met by SPA 201 or SPA 203 or SPA 202 or SPA 204. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Spanish degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Spanish BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent as indicated by assessment. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| SPA 101: Elementary Spanish I or<br>SPA 101AA: Elementary Spanish I or<br>SPA 103: Elementary Spanish for Spanish Speakers I and<br>SPA 102: Elementary Spanish II or<br>SPA 102AA: Elementary Spanish II or<br>SPA 104: Elementary Spanish for Spanish Speakers II OR<br><br>SPA 111: Fundamentals of Spanish | 4-8 hrs | Demonstrated language proficiency at or above the 202 level is required for enrollment in upper division major requirement courses. Taking the 8 credit SPA 101(AA) AND 102(AA) option is the same as the 4 credit SPA 111 option. |
| SPA 201: Intermediate Spanish I or<br>SPA 203: Spanish for Spanish Speaking Students I | 0-4 hrs | |
| SPA 202: Intermediate Spanish II or<br>SPA 204: Spanish for Spanish-Speaking Students II | 0-4 hrs | |
| Lower Division Elective | 0-21 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Spanish, BA Pathway**

**2021-2022**

ASU Major: Spanish, BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>higher level course that meets MA requirement | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| SLC 201: Introduction to Linguistics | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | SLC 201 may be used to satisfy three credits of the [SB] AGEC requirement instead of [HU]. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by SPA 201 or SPA 202. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Spanish degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Spanish BA degree program.

2.33 cumulative GPA required in Sun Devil tracking courses: SPA 101, SPA 101AA, SPA 103, SPA 102, SPA 102AA, SPA 104 (or SPA 111 if selected instead of SPA 101 and SPA 102), SPA 201, SPA 202.

This degree can be completed either On-campus or Online. If chosing the On-campus option, students will select one of the following programs of study when transfering to ASU: Spanish Linguistics track or Spanish Literature and Culture track.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| SPA 101: Elementary Spanish I or<br>SPA 101AA: Elementary Spanish I or<br>SPA 103: Elementary Spanish for Spanish Speakers I and<br>SPA 102: Elementary Spanish II or<br>SPA 102AA: Elementary Spanish II or<br>SPA 104: Elementary Spanish for Spanish Speakers II OR<br><br>SPA 111: Fundamentals of Spanish | 4-8 hrs | |
| SPA 201: Intermediate Spanish I | 4 hrs | |
| SPA 202: Intermediate Spanish II | 4 hrs | Demonstrated language proficiency at or above the 202 level is required for enrollment in upper division major requirement courses. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Special Education and Elementary Education, BAE Pathway**

**2021-2022**

ASU Major: Special Education and Elementary Education, BAE | Mary Lou Fulton Teachers College

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: Course not found or<br>MAT 146: Course not found or<br>Higher level course that meets MA requirement | 3-5 hrs | Students must meet one of the following MCCCD prerequisites to take MAT256 (see Additional Lower Division Requirements section): Grade of C or better in MAT150/151/152/155/156, or MAT120/121/122 AND 140/141/142, or MAT140/141/142/145/146 AND placement test score to permit enrollment in MAT150/151/152/155/156 or higher. |
| BPC 110: Computer Usage and Applications or<br>CIS 105: Survey of Computer Information Systems or<br>CSC 180: Computer Literacy | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| ARH 100: Introduction to Art or<br>ARH 101: Prehistoric through Gothic Art or<br>ARH 102: Renaissance Through Contemporary Art or<br>THE 111: Introduction to Theatre or<br>DAH 100: Introduction to Dance or<br>DAH 201: World Dance Studies or<br>DAH 250: Dance in Popular Culture or<br>MHL 140: Survey of Music History or<br>MHL 145: American Jazz and Popular Music or<br>MHL 146: Survey of Broadway Musicals or<br>MHL 153: Rock Music and Culture or<br>THE 220: Modern Drama | 3 hrs | |
| EDU 291: Children's Literature or<br>ENH 291: Children's Literature | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| CFS 176: Child Development or<br>ECH 176: Child Development | 3 hrs | |
| HIS 103: United States History to 1865 or<br>POS 113: United States and Arizona Social Studies or<br>GCU 113: United States and Arizona Social Studies | 3 hrs | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 also meet AZ Constitution teacher certification requirement. |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate of Arts Elementary Education degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Elementary Education or Elementary Education (Educating Multilingual Learners) or Special Education and Elementary Education BAE degree program and the teacher preparation program.

While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires a 2.5 GPA instead for coursework used to satisfy MAPP requirements. All courses must be completed with a C or greater.

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Complete a Life Sciences course (choose from BIO prefix). |
| Natural Science [SQ, SG] | 4 hrs | Complete a Physical or Earth/Space Science Course (choose from AGS, ASM, AST, CHM, GLG, GPH, PHS, PHY). One of the two natural science courses selected must be SQ. |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by EDU 222 or EDU 230. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103 or GCU/POS 113. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| EDU 220: Introduction to Serving English Language Learners (ELL) | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 222: Intro to EXCEPTIONAL LEARNER | 3 hrs | |
| EDU 230: Cultural Diversity in Education | 3 hrs | |
| MAT 256: Investigating Quantity: Number, Operations and Numeration Systems | 4 hrs | |
| MAT 257: Investigating Geometry, Probability and Statistics | 4 hrs | Required for the Associate in Arts, Elementary Education. |
| Select any EDU course(s) (except EDU 221, 222, 230 and 250) for 3 credits. | 3 hrs | |
| Select 5 credits from Associate of Arts Elementary Education Content Area Elective options | 5 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 for [SB]. |

Total Required Credits: 63

# Pathway Agreement

Print

**Maricopa Community College District**
**Speech and Hearing Science, BS Pathway**
**2021-2022**

ASU Major: Speech and Hearing Science, BS | College of Health Solutions

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra or<br>MAT 151: College Algebra / Functions or<br>MAT 152: College Algebra / Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review | 4-6 hrs |
| PSY 230: Introduction to Statistics or<br>MAT 206: Elements of Statistics | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| PSY 101: Introduction to Psychology | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | |
|---|---|
| BIO 160: Introduction to Human Anatomy and Physiology OR<br><br>BIO 201: Human Anatomy and Physiology I | 4 hrs |
| PHY 101: Introduction to Physics OR<br><br>PHY 111: General Physics I | 4 hrs |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Speech and Hearing Science BS degree program.

Special Requirements: 2.8 GPA in Sun Devil Tracking courses: SLP 214; PSY 101; MAT 187; PSY 230 or MAT 206; BIO 160 or BIO 201; PHY 101 or PHY 111.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| SLP 205: Introduction to Communication Disorders | 3 hrs | |
| SLP 214: Speech Sound Disorders And Phonetics | 0-3 hrs | SHS 250 may be taken at ASU in the first term after transfer. |
| Lower Division Elective | 0-21 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Sports Science and Performance Programming, BS Pathway**

**2021-2022**

ASU Major: Sports Science and Performance Programming, BS | College of Health Solutions

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| EXS 290: Introduction to Evidence-Based Practice | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review OR<br><br>MAT 150: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 151: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 152: College Algebra/Functions and<br>MAT 182: Plane Trigonometry or<br>MAT 155: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 156: College Algebra/Functions with Review and<br>MAT 182: Plane Trigonometry or<br>MAT 187: Precalculus | 3-6 hrs |
| PSY 230: Introduction to Statistics or<br>MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| PSY 101: Introduction to Psychology | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Sports Science and Performance Programming BS degree program.

| | | |
|---|---|---|
| BIO 201: Human Anatomy and Physiology | 4 hrs | |
| CHM 130: Fundamental Chemistry and CHM 130LL: Fundamental Chemistry Laboratory OR<br><br>CHM 130AA: Fundamental Chemistry with Lab OR<br><br>CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 150AA: General Chemistry I OR<br><br>CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR<br><br>CHM 151AA: General Chemistry I | 4-5 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| BIO 202: Human Anatomy and Physiology | 4 hrs | |
| EXS 101: Introduction to Exercise Science, Kinesiology | 3 hrs | |
| FON 241: Principles of Human Nutrition or FON 241LL: Principles of Human Nutrition Lab | 3 hrs | |
| Lower Division Elective | 0-15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Statistics, BS Pathway**

**2021-2022**

ASU Major: Statistics, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |
| CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 3 hrs |

Humanities, Arts, and Design [HU]

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |
| Humanities, Arts, and Design [HU] | 3 hrs |

Social-Behavioral Science [SB]

| | |
|---|---|
| Social-Behavioral Science [SB] | 3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate of Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Statistics, BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication OR<br><br>COM 110: Interpersonal Communication OR<br><br>COM 225: Public Speaking OR<br><br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 200: Principles of Computer Science (Java) or<br>CSC 200AA: Principles of Computer Science (Java) or<br>CSC 200AB: Principles of Computer Science (Java) or<br>CSC 205: Object Oriented Programming and Data Structures or<br>CSC 205AA: Object Oriented Programming and Data Structures or<br>CSC 205AB: Object Oriented Programming and Data Structures or<br>CSC 205AC: Object Oriented Programming and Data Structures or<br>CSC 205AD: Object Oriented Programming and Data Structures | 3 hrs | |
| MAT 230: Calculus with Analytic Geometry II or<br>MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or<br>MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

ASU Arizona State University

# Pathway Agreement

Print

**Maricopa Community College District**
**Supply Chain Management, BS Pathway**
**2021-2022**

ASU Major: Supply Chain Management, BS | W. P. Carey School of Business

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br>MAT 220: Calculus with Analytic Geometry I or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CIS 105: Survey of Computer Information Systems | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

## Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

## Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information: https://transfer.asu.edu/credits.

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

## MCCCD Additional Requirements

| | | |
|---|---|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |

## Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I and<br>ACC 230: Uses of Accounting Informatio and<br>ACC 240: Uses of Accounting Information II OR<br>ACC 111: Accounting Principles I and<br>ACC 112: Accounting Principles II and<br>ACC 212: Managerial Accounting OR<br>ACC 211: Financial Accounting and<br>ACC 212: Managerial Accounting | 6-9 hrs | |
| COM 100: Introduction to Human Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication or<br>COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or<br>MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

# Pathway Agreement

Print

**Maricopa Community College District**

**Sustainability, BA Pathway**

**2021-2022**

ASU Major: Sustainability, BA | School of Sustainability

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend choosing COM 225 to simultaneously fulfill the MCCCD Communication Requirement. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review | 3-6 hrs | MAT 117 (College Algebra/Functions) satisfies the prerequisite for SOS 101 (the required math course at ASU) and meets community college associate degree requirements. |
| MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>GBS 221: Business Statistics OR<br><br>PSY 230: Introduction to Statistics | 3 hrs | PSY 230 is an approved substitution for ASU's STP 226. |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| SSH 111: Sustainable Cities | 3 hrs | SSH 111 can meet [HU] or [SB], but not both. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| SUS 110: Sustainable World | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by SSH 111. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Sustainability and Environmental Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Sustainability,BA degree program.

A 3.0 Transfer GPA is required for admission to the Sustainability BA program. All courses must be completed with a grade of "C" or better.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| SUS 231: Careers in Sustainability | 1 hrs | |
| SUS 232: Professional Skills in Sustainability Practice | 3 hrs | |
| Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Foreign Language Requirement: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-21 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Sustainability, BS Pathway**
**2021-2022**

ASU Major: Sustainability, BS | School of Sustainability

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | Recommend choosing COM 225 to simultaneously fulfill the MCCCD Communication Requirement. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review | 3-6 hrs | MAT117 (College Algebra/Functions) satisfies the prerequisite for the first of three math courses required for the BS degree in Sustainability after transferring to ASU. It also meets the associate degree math requirement. |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| SSH 111: Sustainable Cities | 3 hrs | SSH 111 can meet [HU] or [SB], but not both. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| SUS 110: Sustainable World | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by SSH 111. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Sustainability and Environmental Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Sustainability, BS degree program.

A 3.0 Transfer GPA is required for admission to the Sustainability BS program. All courses must be completed with a grade of "C" or better.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| SUS 231: Careers in Sustainability | 1 hrs | |
| SUS 232: Professional Skills in Sustainability Practice | 3 hrs | |
| Second Language: Requirement satisfied through the following: Completion of a language course at the second semester (102 or equivalent), including American Sign Language II. | 0-8 hrs | Foreign Language Requirement: Select 101, 102 as needed to reach 2nd semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 1-21 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Sustainable Food Systems, BS Pathway**
**2021-2022**

ASU Major: Sustainable Food Systems, BS | School of Sustainability

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 150: College Algebra/Functions or<br>MAT 151: College Algebra/Functions or<br>MAT 151AA: College Algebra/Functions I or<br>MAT 151AB: College Algebra/Functions II or<br>MAT 151AC: College Algebra/Functions III or<br>MAT 151AD: College Algebra/Functions IV or<br>MAT 152: College Algebra/Functions or<br>MAT 155: College Algebra/Functions with Review or<br>MAT 156: College Algebra/Functions with Review | 3-6 hrs | Satisfies the prerequisite for the first of three math courses required for the BS degree in Sustainable Food Systems after transferring to ASU. Also meets the associate degree math requirement. |
| Computer/Statistics/Quantitative Analysis | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| SSH 111: Sustainable Cities | 3 hrs | SSH 111 can meet [HU] or [SB], but not both. Also meets Global Awareness [G] requirement. If applied to [SB], meet this [HU] requirement with another course. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| SUS 110: Sustainable World | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | See note on SSH 111 above. |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| CHM 130: Fundamental Chemistry and<br>CHM 130LL: Fundamental Chemistry Laboratory or<br>CHM 130AA: Fundamental Chemistry with Lab OR<br><br>CHM 150: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 150AA: General Chemistry I or<br>CHM 151: General Chemistry I and<br>CHM 151LL: General Chemistry I Laboratory or<br>CHM 151AA: General Chemistry I | 4-5 hrs | |
| Natural Science [SQ, SG] | 4 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

A 3.0 Transfer GPA is required for admission to the Sustainable Food Systems BS program. All courses must be completed with a grade of "C" or better.

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Sustainable Food Systems BS program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by SSH 111. |

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| FON 241: Principles of Human Nutrition OR<br><br>FON 241: Principles of Human Nutrition and<br>FON 241LL: Principles of Human Nutrition Laboratory | 3-4 hrs | If both lecture and lab are completed, this may be applied to Natural Science [SG]. |
| SUS 231: Careers in Sustainability | 1 hrs | Course is only offered online at Mesa Community College |
| Second Language: Requirement satisfied through the following: Completion of a language course at the second semester (102 or equivalent), including American Sign Language II. | 0-8 hrs | Foreign Language Requirement: Select 101, 102 as needed to reach 2nd semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Focus area: Ecosystem Science | 0-4 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
| Focus area: Educational Leadership | 0-3 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
| Focus area: Global Engagement | 0-6 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
| Focus area: Policy & Governance | 0-3 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
| Focus area: Procurement | 0-3 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
| Focus area: Public Health & Nutrition | 0-3 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
| Skills Electives | 6 hrs | Select 6 credits of skills electives listed at the bottom of this page. |
| Lower Division Elective | 15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

## Track/Groups

Focus area: Ecosystem Science

| Focus area: Ecosystem Science |
|---|
| BIO 100: Biology Concepts or<br>BIO 102: Cells to Systems: An Introduction to Biology for Non-Majors OR<br><br>BIO 207: Applied Plant Taxonomy OR<br><br>BIO 270: Sustainable Biological Systems OR<br><br>BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II OR<br><br>AST 106: Life in the Universe or<br>AST 106: Life in the Universe and<br>AST 107: Life in the Universe Laboratory or<br>GLG 106: Life in the Universe or |

GLG 106: Life in the Universe and
GLG 107: Life in the Universe Laboratory

Focus area: Educational Leadership

| Focus area: Educational Leadership |
| --- |
| CFS 176: Child Development or<br>ECH 176: Child Development OR |
| CFS 205: Human Development OR |
| CFS 235: Developing Child: Theory into Practice, Prenatal - Age 8 or<br>EED 205: The Developing Child: Prenatal to Age Eight OR |
| EDU 221: Introduction to Education or<br>EED 200: Foundations of Early Childhood Education OR |
| CFS 123: Health and Nutrition In Early Childhood Settings or<br>CFS 125: Safety in Early Childhood Settings or<br>EED 215: Early Learning: Health, Safety, Nutrition and Fitness OR |
| HON 201: Leadership Development: Historical and Contemporary Perspectives or<br>MGT 229: Management and Leadership I OR |
| MGT 230: Management and Leadership II |

Focus area: Global Engagement

| Focus area: Global Engagement |
| --- |
| AIS 105: Introduction to American Indian Studies or<br>SOC 105: Introduction to American Indian Studies OR |
| GCU 121: World Geography I: Eastern Hemisphere and<br>GCU 122: World Geography II: Western Hemisphere OR |
| POS 120: World Politics OR |
| POS 125: Issues in World Politics |

Focus area: Policy & Governance

| Focus area: Policy & Governance |
| --- |
| PAD 200: Public Affairs Economics OR |
| POS 115: Issues in American Politics OR |
| POS 130: State and Local Government |

Focus area: Procurement

| Focus area: Procurement |
| --- |
| FON 142AB: Science of Food or<br>FST 263: Principles of Food Science or<br>HRM 240: Commercial Food Production |

Focus area: Public Health & Nutrition

| Focus area: Public Health & Nutrition |
| --- |
| ASB 100: Introduction to Global Health OR |
| BIO 100: Biology Concepts or<br>BIO 102: Cells to Systems: An Introduction to Biology for Non-Majors OR |
| BIO 182: General Biology (Majors) II or<br>BIO 182XT: General Biology (Majors) II OR |
| FON 142AB: Science of Food or<br>FST 263: Principles of Food Science or<br>HRM 240: Commercial Food Production OR |
| HCR 230: Culture and Health or<br>HES 210: Cultural Aspects of Health and Illness |

Skills Electives

| Skills Electives |
| --- |
| COM 225: Public Speaking OR |
| ECN 211: Macroeconomic Principles OR |

ECN 212: Microeconomic Principles OR

ENG 216: Persuasive Writing on Public Issues OR

GIS 205: Geographic Information Technologies OR

GIS 211: Geographic Information Science I OR

SUS 232: Professional Skills in Sustainability Practice

# Pathway Agreement

Print

**Maricopa Community College District**
**Technical Communication, BS Pathway**
**2021-2022**

ASU Major: Technical Communication, BS | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review | 3-6 hrs | A higher-level course that meets [MA] requirement is also acceptable. |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Technical Communication, BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Related Area Course | 3 hrs | Lower Division Related area course: Select a course that transfers to ASU as a direct equivalent or departmental elective credit (DEC) in any of the following ASU prefixes: AFR, AIS, ASB, CCS, COM, EDP, ENG, EXW, FAS, FIN, FMS, GCU, GIT, GPH, HST, MGT, MKT, PSY, PHI, POS, REL, SOC, WST. |
| Lower Division Elective | 8-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Technical Communication (User Experience), BS Pathway**

**2021-2022**

ASU Major: Technical Communication (User Experience), BS | College of Integrative Sciences and Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review or<br>MAT 146: College Mathematics with Review | 3-6 hrs | A higher-level course that meets [MA] requirement is also acceptable. |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Technical Communication (User Experience),BS degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| INT 235: Universal Design | 0-3 hrs | The course applies towards ASU's Concentration Elective requirement |
| Related Area Course | 3 hrs | Select a course that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor (https://cisa.asu.edu/advising). |
| Lower Division Elective | 4-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Technological Entrepreneurship and Management, BS Pathway**

**2021-2022**

ASU Major: Technological Entrepreneurship and Management, BS | Ira A. Fulton Schools of Engineering

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 212: Brief Calculus or<br>MAT 213: Brief Calculus OR<br><br>MAT 220: Calculus with Analytic Geometry I<br>or<br>MAT 221: Calculus with Analytic Geometry I | 3-4 hrs | |
| CSC 110: Introduction to Computer Science (Java) or<br>CSC 110AA: Introduction to Computer Science (Java) or<br>CSC 110AB: Introduction to Computer Science (Java) | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend selecting [HU] course that also meets Cultural Diversity in the U.S. [C]. |
| Humanities, Arts, and Design [HU] | 3 hrs | Recommend selecting [HU] course that also meets Historical Awareness [H]. |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | Combine with Historical Awareness [H] to meet ASU requirement. |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | |
|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Technological Entrepreneurship and Management, BS degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| CIS 286: Technology Team Peer Mentorship | 3 hrs | |
| ECE 102: Engineering Analysis Tools and Techniques or<br>ECE 102AA: Engineering Analysis Tools and Techniques AND<br><br>ECE 103: Engineering Problem Solving and Design or<br>ECE 103AB: Engineering Problem Solving and Design or<br>ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs | The combination of these two courses transfers as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| EPS 150: Introduction to Entrepreneurship or<br>MGT 253: Owning and Operating a Small Business | 3 hrs | |
| EPS 165: New Venture Feasibility Analysis | 2 hrs | |
| MAT 206: Elements of Statistics or<br>SWU 225: Statistics for Social Research/Justice and Government or<br>GBS 221: Business Statistics or<br>PSY 230: Introduction to Statistics | 3 hrs | |
| STEM Elective | 6 hrs | Select two courses (six credit hours) from the following: EPS 162 (recommended by ASU), courses that transfer to ASU in the following prefixes: EGR, GIT, IFT. Consult with an academic advisor in The Polytechnic School to review the recommended course list. |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Theatre, BA Pathway**

**2021-2022**

ASU Major: Theatre, BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| THE 220: Modern Drama | 3 hrs | THE 220 can count as [L] or [HU], but not both. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | HUM/THF 205 Introduction to Cinema (3) OR HUM/THF 210 Contemporary Cinema (3) is required for the AAFA, Emphasis in Theatre. |
| Humanities, Arts, and Design [HU] | 3 hrs | THE 111 Introduction to Theatre (3) is required for required for the AAFA, Emphasis in Theatre. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | It is recommended to select a course which satisfies [SB] and awareness area [C, H, or G] requirements simultaneously. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | [C] can be used to simultaneously satisfy other AGEC requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | [H] and [G] can be used to simultaneously satisfy other AGEC requirements. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts, Emphasis in Theatre degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Theatre, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| THP 112: Acting I | 3 hrs | |
| THP 213: Intro to Technical Theatre | 3 hrs | |
| THP 214: Directing Techniques | 3 hrs | |
| THP 217: Intro to Design Scenography | 3 hrs | |
| THP 201AA: Theatre Production I | 0-1 hrs | Can be taken after transfer to ASU. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Theatre (Acting), BA Pathway**

**2021-2022**

ASU Major: Theatre (Acting), BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| THE 220: Modern Drama | 3 hrs | THE 220 can count as [L] or [HU], but not both. |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | HUM/THF 205 Introduction to Cinema (3) OR HUM/THF 210 Contemporary Cinema (3) is required for the AAFA, Emphasis in Theatre. |
| Humanities, Arts, and Design [HU] | 3 hrs | THE 111 Introduction to Theatre (3) is required for required for the AAFA, Emphasis in Theatre. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | COM 100 or COM 110 or COM 230 is required for the AAFA, Emphasis in Theatre. |
| Social-Behavioral Science [SB] | 3 hrs | It is recommended to select a course which satisfies [SB] and awareness area [C, H, or G] requirements simultaneously. |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | [C] can be used to simultaneously satisfy other AGEC requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | [H] and [G] can be used to simultaneously satisfy other AGEC requirements. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts, Emphasis in Theatre degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Theatre, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| COM 271: Voice and Diction or<br>THP 271: Voice and Diction | 3 hrs | |
| THP 102: Theatre Service Practicum or<br>THP 201AA: Theatre Production I or<br>THP 202: Theatre Production Projects or<br>THP 202AA: Theatre Production I Scene Shop or<br>THP 202AB: Theatre Production I Electrics or<br>THP 202AD: Theatre Production Advanced Projects or<br>THP 268: Opportunities in Production | 1 hrs | |
| THP 112: Acting I | 3 hrs | |
| THP 131: Stage Movement | 3 hrs | |
| THP 212: Acting II | 3 hrs | |
| THP 213: Intro to Technical Theatre | 4 hrs | |
| THP 214: Directing Techniques | 3 hrs | |
| THP 217: Intro to Design Scenography | 3 hrs | |
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. THF115 Makeup for Stage and Screen (3 credits) is recommended because it is required for the AAFA, Emphasis in Theatre degree. |

Total Required Credits: 61

# Pathway Agreement

Print

**Maricopa Community College District**
**Theatre (Design and Production), BA Pathway**
**2021-2022**

ASU Major: Theatre (Design and Production), BA | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

Literacy and Critical Inquiry [L]

| | |
|---|---|
| THE 220: Modern Drama | 3 hrs |

Mathematical Studies [MA, CS]

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | HUM/THF 205 Introduction to Cinema OR HUM/THF 210 Contemporary Cinema is required for the AAFA, Emphasis in Theatre. |
| Humanities, Arts, and Design [HU] | 3 hrs | THE 111 Introduction to Theatre is required for required for the AAFA, Emphasis in Theatre. |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | It is recommended to select a course which satisfies [SB] and awareness area [C, H, or G] requirements simultaneously. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | [C] can be used to simultaneously satisfy other AGEC requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | [H] and [G] can be used to simultaneously satisfy other AGEC requirements. |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts, Emphasis in Theatre degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Theatre (Design and Production), BA degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| THP 112: Acting I | 3 hrs | |
| THP 201AA: Theatre Production I | 0-1 hrs | |
| THP 213: Intro to Technical Theatre | 3 hrs | |
| THP 214: Directing Techniques | 3 hrs | |
| THP 217: Intro to Design Scenography | 3 hrs | |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

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**Maricopa Community College District**
**Theory and Composition (Theory), BMUS Pathway**
**2021-2022**

ASU Major: Theory and Composition (Theory), BMUS | Herberger Institute for Design and the Arts

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review<br>or<br>Higher level course that meets MA requirement | 3-6 hrs | |
| MTC 180: Computer Literacy for Musicians | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| MHL 194: Music and Culture | 3 hrs | MHL 194 also fulfills Global [G] awareness area. Can be taken after transfer to ASU. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | It is recommended to select a course which satisfies [SB] and awareness area [C or H] requirements simultaneously. |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | [C] could be combined with [HU], [SB], or [L]. |
| Historical or Global Awareness [H] or [G] | 0 hrs | General Education Awareness Area [G]: Met by MHL 194; [H] could be combined with [SB]. |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and with a successful audition guarantees admission to the Theory & Composition (Theory) degree program.

Acceptance into the School of Music is contingent upon a successful audition the semester before transferring to ASU. Please refer to the following website for an application and audition deadlines: http://music.asu.edu/admissions

Students wishing to pursue a Bachelor of Music Degreeincluding the BM Theory & Composition in Theory should meet with a Herberger Advisor to discuss audition preparation by their third term of study at the community college. The Bachelor of Music degree requires successful completion of an audition demonstrating a high level of musicianship and may require more than 2 years of study at ASU.
MHL 241 and MHL 242: Transferring students who have completed MHL 241 and/or 242 are not required to take MHL 341 and/or 342 at ASU. Students who take these courses may elect alternate upper division MHL courses at ASU (MHL 439 or MHL 440 recommended).

Piano proficiency at ASU: Proficiency exam requirements are found at https://music.asu.edu/resources/new-students/d Transferring students are advised to take the piano proficiency exam immediately upon transfer to ASU.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0 hrs | COM 225 satisfies [L] and COM requirements simultaneously. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| MTC 105: Music Theory I and<br>MTC 106: Aural Perception I | 4 hrs | |
| MTC 155: Music Theory II and<br>MTC 156: Aural Perception II | 4 hrs | |
| MTC 205: Music Theory III and<br>MTC 206: Aural Perception III | 4 hrs | |
| MTC 255: Music Theory IV and<br>MTC 256: Aural Perception IV | 4 hrs | |
| MUP 102: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 152: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 202: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 252: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 209: Elements of Conducting | 2 hrs | |

Total Required Credits: 61

# Pathway Agreement

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**Maricopa Community College District**

**Tourism Development and Management, BS Pathway**

**2021-2022**

ASU Major: Tourism Development and Management, BS | College of Public Service and Community Solutions

## Pathway Requirements

### First Year Composition

| | |
|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs |

### Mathematical Studies

| | |
|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs |

### Humanities, Arts, and Design

| | |
|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs |

### Social-Behavioral Science

| | |
|---|---|
| GCU 121: World Geography I: Eastern Hemisphere or<br>GCU 122: World Geography II: Western Hemisphere | 3 hrs |
| REC 120: Leisure and the Quality of Life | 3 hrs |

### Natural Science

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |

### MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 225: Public Speaking | 3 hrs | Meets COM requirement for the AAS and Literacy and Critical Inquiry requirement for the BS. |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

### Additional Lower Division Requirements

| | | |
|---|---|---|
| ACC 111: Accounting Principles I | 3 hrs | Scottsdale Community College accepts ACC 211 to meet the HRM 265 requirement. |
| HRM 110: Introduction to Hospitality and Tourism Management | 3 hrs | |
| HRM 145: Events Management | 3 hrs | |
| HRM 146: International Meetings, Conventions and Exhibitions | 3 hrs | |
| HRM 150: Hospitality and Tourism Information Systems I | 3 hrs | |

**Pathway Notes**

There are no notes for this pathway

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for the Scottsdale Community College Associate in Applied Science (AAS) in Hospitality: Tourism Development and Management, meets major map requirements at ASU, and guarantees admission to the Tourism Development and Management, Tourism Development and Management (Meetings and Events), Tourism Development and Management (Resort and Hotel Leadership), or Tourism Development and Management (Sustainable Tourism) BS degree program.

Completion of the AAS degree and AGEC-A (Arizona General Education Curriculum- Arts) is the recommended transfer pathway, allowing students to transfer and apply up to 64 credits toward the BS degree at ASU.Students also have the option to transfer with an Associate in Arts degree. Please note that the AAS is only offered at Scottsdale Community College, and the AA is offered at all ten Maricopa Community Colleges. Consult an academic advisor to discuss the option that best meets your educational and career goals.

| | | |
|---|---|---|
| HRM 160: Tourism Principles And Practices | 3 hrs | |
| HRM 250: Hospitality And Tourism Information Systems II | 3 hrs | |
| HRM 260: LoaHospitality Human Resource Managementding... | 3 hrs | |
| HRM 270: Hospitality Marketing | 3 hrs | |
| HRM 280: Hospitality and Tourism Law | 3 hrs | |
| HRM 290: Ecotourism | 3 hrs | |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| Lower Division Elective | 0-3 hrs | Complete elective credits only if needed to reach the 61 credit minimum required for the AAS degree. May be taken before (recommended) or after transferring. |

Total Required Credits: 64

# Pathway Agreement

Print

**Maricopa Community College District**

**Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA Pathway**

**2021-2022**

ASU Major: Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| CCS 101: Chicana and Chicano Studies | 3 hrs | CCS 101 can be used to satisfy 3 credit hours of the Humanities [HU] requirement, the Cultural Awareness [C] area, and a TCL elective for the major. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ or SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Met by CCS 101. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Transborder Chicana/o & Latina/o Studies (Concentrations in: Transborder Community Development and Health, US and Mexican Regional Immigration Policy & Economy, or Media and Expressive Culture) BA

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. TCLS majors are expected to fulfill the college's language requirement in Spanish prior to transfer. In addition, all majors must demonstrate proficiency in Spanish by passing an upper division Spanish course. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA Pathway**

**2021-2022**

ASU Major: Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| CCS 101: Chicana and Chicano Studies | 3 hrs | CCS 101 can be used to satisfy 3 credit hours of the humanities [HU] requirement, the Cultural Awareness [C] area and a TCL elective for the major. |
| Humanities, Arts, and Design | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science | 3 hrs | |
| Social-Behavioral Science | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ or SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Met by CCS 101 |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Transborder Chicana/o & Latina/o Studies (Concentrations in: Transborder Community Development and Health, US and Mexican Regional Immigration Policy & Economy, or Media and Expressive Culture) BA

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. TCLS majors are expected to fulfill the college's language requirement in Spanish prior to transfer. In addition, all majors must demonstrate proficiency in Spanish by passing an upper division Spanish course. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**

**Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA Pathway 2021-2022**

ASU Major: Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA | College of Liberal Arts and Sciences

## Pathway Requirements

First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs | |

Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| CCS 101: Chicana and Chicano Studies | 3 hrs | CCS 101 can be used to satisfy 3 credit hours of the humanities [HU] requirement, the Cultural Awareness [C] area and a TCL elective for the major. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ or SG] | 4 hrs | |

General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | 3 hrs [C] met by CCS 101 |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Transborder Chicana/o & Latina/o Studies (Concentrations in: Transborder Community Development and Health, US and Mexican Regional Immigration Policy & Economy, or Media and Expressive Culture) BA

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. TCLS majors are expected to fulfill the college's language requirement in Spanish prior to transfer. In additional, all majors must demonstrate proficiency in Spanish by passing an upper division Spanish course. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Urban Planning, BSP Pathway**
**2021-2022**

ASU Major: Urban Planning, BSP | College of Liberal Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| GIS 205: Geographic Information Technologies | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| SSH 111: Sustainable Cities | 3 hrs | SSH 111 can be used to satisfy the Global Awareness requirement (G) and either a Humanities (HU) or a Social-Behavioral (SB) requirement. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| Social-Behavioral Science [SB] | 3 hrs | SSH 111 can be used to satisfy the Global Awareness requirement (G) and either a Humanities (HU) or a Social-Behavioral (SB) requirement. |
| Social-Behavioral Science [SB] | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical (H) or Global Awareness (G) | 0 hrs | SSH 111 meets Global Awareness |

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Urban Planning B.S.P. degree program.

MCCCD Additional Requirements

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| SCT 100: Introduction to Sustainable Built Environments | 0-3 hrs | This requirement may be completed after transfer to ASU. |
| Lower Division Elective | 11-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Women and Gender Studies, BA Pathway**
**2021-2022**

ASU Major: Women and Gender Studies, BA | College of Liberal Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] | 3 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| Computer/Statistics/Quantitative Applications | 3-4 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | ASB 211 is recommended. |
| Humanities, Arts, and Design [HU] | 3 hrs | |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| WST 100: Women and Society | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by WST 100. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | ASB 211 is recommended. |

### MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Women and Gender Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Women and Gender Studies BA degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| WST Elective | 3 hrs | Students may select one course that transfers to ASU as a direct equivalency or a departmental elective (DEC) in the WST prefix. |
| Related Women Studies Course | 3 hrs | Lower Division Select one courses (3 credit hours) that transfer to ASU as course equivalent or department elective (DEC) in WST prefix; or select one of the following courses: ENH 284, ENH 285, HIS 201, HUM 209, PSY 235, REL 290, SOC 264, SOC 212, WST 209, or WST 290. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |

Total Required Credits: 60

# Pathway Agreement

Print

**Maricopa Community College District**
**Women and Gender Studies, BS Pathway**
**2021-2022**

ASU Major: Women and Gender Studies, BS | New College of Interdisciplinary Arts and Sciences

## Pathway Requirements

### First Year Composition [FYC]

| | | |
|---|---|---|
| ENG 101: First-Year Composition or<br>ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or<br>ENG 108: First-Year Composition for ESL | 3 hrs | |

### Literacy and Critical Inquiry [L]

| | | |
|---|---|---|
| PSY 290AB: Research Methods or<br>PSY 290AC: Research Methods | 4 hrs | |

### Mathematical Studies [MA, CS]

| | | |
|---|---|---|
| MAT 140: College Mathematics or<br>MAT 141: College Mathematics or<br>MAT 142: College Mathematics or<br>MAT 145: College Mathematics with Review<br>or<br>MAT 146: College Mathematics with Review | 3-6 hrs | |
| PSY 230: Introduction to Statistics | 3 hrs | |

### Humanities, Arts, and Design [HU]

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] | 3 hrs | Courses recommended by Maricopa include: ENH/WST 284, ENH/WST 285, HUM/WST 209, REL/WST 290 |
| Humanities, Arts, and Design [HU] | 3 hrs | Courses recommended by Maricopa include: ENH/WST 284, ENH/WST 285, HUM/WST 209, REL/WST 290 |

### Social-Behavioral Science [SB]

| | | |
|---|---|---|
| PSY 101: Introduction to Psychology | 3 hrs | |
| WST 100: Women and Society | 3 hrs | |

### Natural Science [SQ, SG]

| | | |
|---|---|---|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

### General Education Awareness Areas [C, H, G]

| | | |
|---|---|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by WST 100. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | REL 290 is recommended. |

### MCCCD Additional Requirements

**Pathway Notes**

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

**Special Requirements**

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Emphasis in Women and Gender Studies and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Women and Gender Studies, BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: https://transfer.asu.edu/credits

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or<br>COM 110: Interpersonal Communication or<br>COM 225: Public Speaking or<br>COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|---|
| Lower Division Women Studies Elective | 6 hrs | Select two courses (cannot be shared other than with the H or G Awareness Areas) that transfer to ASU with the WST prefix. Courses recommended by Maricopa include: REL/WST 290, WST 161, WST 200, HUM/WST 209, WST 286 |
| Lower Division Elective | 0-18 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.<br><br>Additional courses recommended as lower division electives (if needed to reach minimum total for degree) include ENH 285, HIS 201, PSY 235, REL 290/WST 290, SOC 212, WST 110, WST 161, WST 200, WST 209/HUM 209, WST 284/ENH 284, and/or WST 286. |

Total Required Credits: 60